EDD Serving the People of California

ANNUAL PLANNING INFORMATION

California

1989-1990

July 1989

Employment Development Department

George Deukmejian
Governor
STATE OF CALIFORNIA

Clifford L. Allenby
Secretary
HEALTH AND WELFARE AGENCY

K. R. Kiddoo
Director
EMPLOYMENT DEVELOPMENT DEPARTMENT

ANNUAL PLANNING INFORMATION

CALIFORNIA

1989-1990

Employment Development Department
Employment Data and Research Division
Economic Information Group

July 1989

LABOR MARKET INFORMATION GROUPS
EMPLOYMENT DATA & RESEARCH
EMPLOYMENT DEVELOPMENT DEPARTMENT

Northern Area Labor Market Information Group, MIC 57
P.O. Box 942880
Sacramento CA 94280-0001
(916) 427-4663

Coastal Area Labor Market Information Group
P.O. Box 7774
San Francisco CA 94120-7774
(415) 557-3052

Southern Area Labor Market Information Group
1525 S. Broadway
Los Angeles CA 90015-3030
(213) 744-2531

Statewide Publications

Labor Market Information Section, MIC 57
P.O. Box 942880
Sacramento CA 94280-0001
Economic: (916) 427-4660
Occupational: (916) 427-4658

FOREWORD

This report is designed primarily to meet the informational needs of governmental agencies, administrators, educators, researchers, and other interested persons. It provides analyses of recent changes in the labor market, a short-term outlook, and long-term trends.

Information is also available from the Employment Data and Research Division (ED&R) of California's Employment Development Department. ED&R carries out a comprehensive labor market information program for California and its many labor market areas. The major activities of ED&R are as follows:

- Developing monthly labor force, employment, and unemployment statistics for California, its counties, and selected cities;
- Publishing career guidance material, covering several hundred occupations, for the state's high school and community college students;
- Continually assessing local occupational training needs, as well as the local outlook for many, varied occupations; and
- Projecting future employment needs, by industry and occupation, for California and its major labor market areas.

While the Division maintains a wide array of labor market information products in published form, there are many instances in which information must be specially developed to meet the needs of specific users. To find out about available information or services, please contact one of the ED&R offices listed on the facing page.

TABLE OF CONTENTS

	PAGE
EMPLOYMENT DATA AND RESEARCH MAP	ii
FOREWORD	iii
LIST OF TABLES	vii
LIST OF FIGURES	xi
HIGHLIGHTS	1
GEOGRAPHIC PROFILE	3
POPULATION PROFILE	5
THE NATIONAL ECONOMY IN 1988	11
1989-1990 NATIONAL LABOR MARKET OUTLOOK	19
THE CALIFORNIA ECONOMY IN 1988	21
1989-1990 CALIFORNIA LABOR MARKET OUTLOOK	25
1985-1995 INDUSTRY EMPLOYMENT TRENDS	41
1985-1995 OCCUPATIONAL EMPLOYMENT TRENDS	47
APPENDIX: STATISTICAL TABLES	57
GLOSSARY OF TERMS AND CONCEPTS	125

LIST OF TABLES

		PAGE
TABLE 1:	TOTAL POPULATION OF CALIFORNIA COUNTIES WITH ANNUAL PERCENT CHANGE	6
TABLE 2:	TOTAL POPULATION OF CALIFORNIA BY RACE/ETHNICITY	8
TABLE 3:	TOTAL POPULATION OF CALIFORNIA BY SEX AND AGE	9
TABLE 4:	CALIFORNIA LABOR MARKET FORECAST: LABOR FORCE, EMPLOYMENT, AND RATE, 1988 (I) - 1990 (IV)	27
TABLE 5:	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT FORECAST FOR CALIFORNIA, 1988-1990	29
TABLE 6:	EMPLOYMENT BY INDUSTRY, CALIFORNIA 1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT	42
TABLE 7:	EMPLOYMENT BY MAJOR OCCUPATIONAL GROUP, CALIFORNIA 1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT	49
TABLE 8:	FIFTY OCCUPATIONS WITH LARGEST ABSOLUTE GROWTH, CALIFORNIA 1985-1995	51
TABLE 9:	FIFTY FASTEST GROWING OCCUPATIONS, CALIFORNIA 1985-1995	53
TABLE 10:	LABOR FORCE AND EMPLOYMENT, NOT SEASONALLY ADJUSTED, UNITED STATES 1970-1988	59
TABLE 11:	UNEMPLOYMENT AND UNEMPLOYMENT RATE, NOT SEASONALLY ADJUSTED, UNITED STATES 1970-1988	60
TABLE 12:	LABOR FORCE AND EMPLOYMENT, SEASONALLY ADJUSTED, UNITED STATES 1970-1988	61
TABLE 13:	UNEMPLOYMENT AND UNEMPLOYMENT RATE, SEASONALLY ADJUSTED, UNITED STATES 1970-1988	62
TABLE 14:	LABOR FORCE AND EMPLOYMENT, NOT SEASONALLY ADJUSTED, CALIFORNIA 1970-1988	63
TABLE 15:	UNEMPLOYMENT AND UNEMPLOYMENT RATE, NOT SEASONALLY ADJUSTED, CALIFORNIA 1970-1988	64
TABLE 16:	LABOR FORCE AND EMPLOYMENT, SEASONALLY ADJUSTED, CALIFORNIA 1970-1988	65
TABLE 17:	UNEMPLOYMENT AND UNEMPLOYMENT RATE, SEASONALLY ADJUSTED, CALIFORNIA 1970-1988	66

LIST OF TABLES (CONTINUED)

		PAGE
TABLE 18:	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY MAJOR INDUSTRY GROUP, CALIFORNIA 1939-1988	67
TABLE 19:	ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY, CALIFORNIA 1980-1988	68
TABLE 20:	ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY, CALIFORNIA 1972-1979	73
TABLE 21:	EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION BY SEX, AGE, RACE, HISPANIC ORIGIN, AND MARITAL STATUS, CALIFORNIA 1988 ANNUAL AVERAGES	78
TABLE 22:	EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION BY SEX, AGE, AND MARITAL STATUS CALIFORNIA 1988 ANNUAL AVERAGES	79
TABLE 23:	EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION BY RACE, HISPANIC ORIGIN, AGE, AND MARITAL STATUS CALIFORNIA 1988 ANNUAL AVERAGES	80
TABLE 24:	TOTAL POPULATION BY AGE AND SEX, CALIFORNIA 1980	81
TABLE 25:	TOTAL POPULATION BY RACE, CALIFORNIA 1980	82
TABLE 26:	TOTAL POPULATION BY RACE, SEX, AND AGE, CALIFORNIA 1980	83
TABLE 27:	TOTAL POPULATION BY ETHNIC ORIGIN, SEX, AND AGE, CALIFORNIA 1980	84
TABLE 28:	TOTAL POPULATION BY ETHNIC ORIGIN AND RACE, CALIFORNIA 1980	85
TABLE 29:	TOTAL POPULATION BY SEX AND DETAILED RACE/ ETHNIC GROUP, CALIFORNIA 1980	86
TABLE 30:	TOTAL LABOR FORCE STATUS BY RACE/ETHNICITY, SEX, AND AGE, CALIFORNIA 1980	87
TABLE 31:	LABOR FORCE STATUS BY RACE/ETHNICITY, WEEKS WORKED, AND SEX, CALIFORNIA 1980	89
TABLE 32:	TOTAL CIVILIAN LABOR FORCE, 16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION, CALIFORNIA 1980	90
TABLE 33:	FEMALE CIVILIAN LABOR FORCE, 16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION, CALIFORNIA 1980	93
TABLE 34:	MALE CIVILIAN LABOR FORCE, 16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION, CALIFORNIA 1980	96

LIST OF TABLES (CONTINUED)

		PAGE
TABLE 35:	LABOR FORCE STATUS BY RACE AND SEX FOR PERSONS 16 YEARS OLD AND OVER, CALIFORNIA 1980	99
TABLE 36:	LABOR FORCE STATUS BY ETHNIC ORIGIN AND SEX FOR PERSONS 16 YEARS OLD AND OVER, CALIFORNIA 1980	100
TABLE 37:	LABOR FORCE STATUS BY RACE/ETHNICITY AND DISABILITY STATUS, CALIFORNIA 1980	101
TABLE 38:	SCHOOL AND LABOR FORCE STATUS OF YOUTH 16-19 YEARS OLD, CALIFORNIA 1980	102
TABLE 39:	YEARS OF SCHOOL COMPLETED BY RACE, PERSONS 25 YEARS AND OVER, CALIFORNIA 1980	103
TABLE 40:	YEARS OF SCHOOL COMPLETED BY ETHNICITY, PERSONS 25 YEARS AND OVER, CALIFORNIA 1980	103
TABLE 41:	PART-TIME WORKERS BY STATUS, CALIFORNIA 1975-1988	104
TABLE 42:	PUBLIC ASSISTANCE RECIPIENTS BY PROGRAM, CALIFORNIA 1983-1987	105
TABLE 43:	AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC) CHARACTERISTICS OF RECIPIENTS 16 YEARS OLD AND OVER, CALIFORNIA 1985-1987	106
TABLE 44:	SUPPLEMENTAL SECURITY INCOME (SSI), RECIPIENTS BY PROGRAM, CALIFORNIA 1985-1987	107
TABLE 45:	POVERTY STATUS BY RACE, CALIFORNIA 1980	108
TABLE 46:	POVERTY STATUS BY ETHNIC ORIGIN, CALIFORNIA 1980	108
TABLE 47:	RATIO OF PERSONAL INCOME TO POVERTY, CALIFORNIA 1980	109
TABLE 48:	FAMILIES BY PRESENCE OF CHILDREN AND POVERTY STATUS, CALIFORNIA 1980	109
TABLE 49:	INCOME BY HOUSEHOLDS AND FAMILIES, CALIFORNIA 1980	110
TABLE 50:	FAMILY INCOME BY RACE, CALIFORNIA 1980	111
TABLE 51:	FAMILY INCOME BY ETHNIC ORIGIN, CALIFORNIA 1980	111
TABLE 52:	HOUSEHOLD TYPE BY RACE/ETHNICITY, CALIFORNIA 1980	112

LIST OF TABLES (CONTINUED)

		PAGE
TABLE 53:	HOUSEHOLD TYPE BY ETHNIC ORIGIN, CALIFORNIA 1980	112
TABLE 54:	PRIMARY LANGUAGE SPOKEN AT HOME AND ABILITY TO SPEAK ENGLISH, CALIFORNIA 1980	113
TABLE 55:	FELONS NEWLY COMMITTED FROM COUNTY SUPERIOR COURT BY SEX, CALIFORNIA 1985-1987	114
TABLE 56:	FELONS PAROLED TO COUNTY BY SEX, CALIFORNIA 1985-1987	114
TABLE 57:	POPULATION OF PERSONS UNDER JURISDICTION OF LOCAL CRIMINAL JUSTICE AGENCIES, CALIFORNIA 1985-1987	115
TABLE 58:	VETERANS BY PERIODS OF ACTIVE DUTY BY SEX, CALIFORNIA 1986-1988	116
TABLE 59:	EMPLOYMENT BY INDUSTRY, CALIFORNIA 1985-1995	117

LIST OF FIGURES

		PAGE
FIGURE 1:	GROSS NATIONAL PRODUCT, UNITED STATES 1983-1988	12
FIGURE 2:	PERSONAL CONSUMPTION EXPENDITURES AND DISPOSABLE PERSONAL INCOME, UNITED STATES, 1983-1988	13
FIGURE 3:	GROSS PRIVATE DOMESTIC INVESTMENT, UNITED STATES 1983-1988	14
FIGURE 4:	CHANGE IN BUSINESS INVENTORIES, UNITED STATES 1983-1988	15
FIGURE 5:	PRIME INTEREST RATE BY MONTH, UNITED STATES 1982-1988	16
FIGURE 6:	CONSUMER PRICE INDEX BY MONTH, UNITED STATES 1982-1988	17
FIGURE 7:	COMPARISON OF SEASONALLY ADJUSTED UNEMPLOYMENT RATES, UNITED STATES AND CALIFORNIA 1982-1988	18
FIGURE 8:	ANNUAL EMPLOYMENT GROWTH RATES BY INDUSTRY, CALIFORNIA AND UNITED STATES (EXCLUDING CA) 1988	22
FIGURE 9:	COMPARISON OF NONAGRICULTURAL INDUSTRY MIX, CALIFORNIA AND UNITED STATES (EXCLUDING CA) 1988	23
FIGURE 10:	TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT, CALIFORNIA 1972-1990	28
FIGURE 11:	MINING EMPLOYMENT, CALIFORNIA 1972-1990	30
FIGURE 12:	CONSTRUCTION EMPLOYMENT, CALIFORNIA 1972-1990	31
FIGURE 13:	MANUFACTURING EMPLOYMENT, CALIFORNIA 1972-1990	33
FIGURE 14:	NONDURABLE GOODS MANUFACTURING EMPLOYMENT, CALIFORNIA 1972-1990	34
FIGURE 15:	DURABLE GOODS MANUFACTURING EMPLOYMENT, CALIFORNIA 1972-1990	34
FIGURE 16:	TRANSPORTATION AND PUBLIC UTILITIES EMPLOYMENT, CALIFORNIA 1972-1990	35
FIGURE 17:	WHOLESALE AND RETAIL TRADE EMPLOYMENT, CALIFORNIA 1972-1990	36
FIGURE 18:	WHOLESALE TRADE EMPLOYMENT, CALIFORNIA 1972-1990	37
FIGURE 19:	RETAIL TRADE EMPLOYMENT, CALIFORNIA 1972-1990	37

LIST OF FIGURES (CONTINUED)

		PAGE
FIGURE 20:	FINANCE, INSURANCE, AND REAL ESTATE EMPLOYMENT, CALIFORNIA 1972-1990	38
FIGURE 21:	SERVICES EMPLOYMENT, CALIFORNIA 1973-1990	39
FIGURE 22:	GOVERNMENT EMPLOYMENT, CALIFORNIA 1973-1990	40
FIGURE 23:	INDUSTRY PROFILE, CALIFORNIA 1985-1995	41
FIGURE 24:	OCCUPATIONAL PROFILE, CALIFORNIA 1985-1995	47

HIGHLIGHTS

The California economy grew at a moderate pace in 1988, slightly slower than the 1987 rate. The following labor market conditions characterize California's economic performance during 1988:

- The civilian labor force expanded by 307,000 individuals on an annual average basis to reach 14,036,000.
- Civilian employment rose to 13,292,000, increasing by 354,000 the number of persons employed over the 1987 annual average.
- Unemployment declined by 47,000 persons on an annual average basis to average 743,000 for 1988.
- The unemployment rate declined from an average of 5.8 percent in 1987 to 5.3 percent in 1988.
- On an annual average basis, total nonagricultural wage and salary employment increased by 3.4 percent in 1988 as compared to a 3.7 percent gain in 1987.

The current economic expansion, now into its seventh year in 1989, appears healthy enough to drive the state's economy through another prosperous year. However, some slowing is expected in 1989 and will continue through 1990. As a consequence, the following labor market conditions are anticipated during the two-year forecast period:

- On an annual average basis, the state's labor force is expected to expand by 235,000 in 1989 and 296,000 in 1990.
- Civilian employment is forecast to average 13,518,000 and 13,732,000 in 1989 and 1990, respectively.
- In 1989, average unemployment is expected to increase by 9,000 individuals. This increase in unemployment represents a 1.2 percent rise from the 1988 annual average level. During 1990 unemployment is anticipated to rise by 82,000 persons or 10.9 percent from the 1989 level.
- The unemployment rate is forecast to average 5.3 percent in 1989 and 5.7 percent in 1990.
- It is anticipated that nonagricultural wage and salary employment will expand by 370,000 jobs in 1989 and average 12,445,000 for the year. During 1990, total wage and salary employment is expected to average 12,684,000, which represents an additional 240,000 jobs on an annual average basis.

GEOGRAPHIC PROFILE

California comprises 156,297 square miles of land area, third largest of the 50 states. The western extent of the state, with a shoreline of over 1,200 miles, is delineated by the Pacific Ocean. On the south border is Mexico, on the north, Oregon, and on the east are the states of Nevada and Arizona. The state is segregated into 58 counties; the largest of these is San Bernardino, which covers an area as large as the states of Connecticut, Massachusetts, and New Jersey combined. In fact, San Bernardino is the largest county in the United States. The state's width varies from 150 to 350 miles with a north-south medial line 780 miles in length. Within the borders of California is Mount Whitney, the highest peak in the contiguous United States at 14,494 feet above sea level, and Death Valley, at 282 feet below sea level, the lowest point in the Western Hemisphere. The distance between these two points is only 60 miles.

California has some 2,400 square miles of inland water. This includes mile-high Lake Tahoe on the California-Nevada border and the Salton Sea, located in the extreme southeastern part of California, in the heart of the desert, 241 feet below sea level. The state's major rivers are the Colorado, on the eastern border, and the Sacramento and San Joaquin, in the Central Valley. California has two natural landlocked harbors: San Francisco Bay, the largest landlocked harbor in the world, and San Diego Bay. The Port of Los Angeles is a manmade harbor protected by a breakwater; farthest north is Humboldt Bay, a shipping point for lumber and base of a large fishing fleet.

California, with its highly diverse terrain, consists of no less than eight major land regions. They include:

- The Klamath Mountains, which are located in the extreme northwest corner of the state. This region is characterized by several forest-covered ranges with peaks as high as 8,000 feet, interrupted by deep canyons and valleys.

- The Coastal Ranges, which extend southward from above Eureka on the coast and the Klamath Mountains to, but not including, the Sierra Madre range in what is today Santa Barbara County. Diablo, Santa Cruz, and Santa Lucia are the principal ranges. Interspersed among the ranges are the Napa Valley, a wine growing region north of San Francisco, and the Salinas and Santa Clara valleys to the south. A major break in the earth's crust, the San Andreas fault, enters the California land mass approximately 30 miles south of Mendocino and extends southeastward into Southern California.

- The Central Valley, which occupies an area between the Coastal Ranges on the west and the Sierra Nevada to the east. The valley, which was originally a savannah-type ecosystem (i.e., dry grassland interspersed with shrubs, and Live and Valley Oak), is approximately 500 miles in length. Two major river systems, the Sacramento River in the north and the San Joaquin in the south, with their attendant tributaries provide water needed for irrigation of this important agricultural area.

- The Cascade Mountains, which extend northward from the Central Valley and occupy the north-central portion of the state. They are the southern most extension of an active volcanic range that stretches north to Mount Baker in northern Washington. Lassen Peak (10,457 feet) and Mount Shasta (14,162 feet) are the most prominent features of this land area in California.

- The Sierra Nevada, which occupies the east-central part of the state. This mountain range is adjacent to and east of the Central Valley; it extends some 400 miles south from the Cascade Mountains. Several peaks of the Sierra Nevada exceed 14,000 feet and Mount Whitney (at 14,494 feet) is the highest point in the contiguous United States. The landscape is distinguished by deep canyons, cut by rivers and streams flowing off the west slope. Perhaps the most outstanding feature of this land region is the glaciated, sheer granite cliffs of the Yosemite Valley.

- The Basin and Range Region, which is a western extension of an area that occupies portions of Nevada and several other western states. It is comprised of a lava flow area to the north and desert to the south and east. The Mojave Desert, which is located within this land region, lies to the east of the southern extreme of the Sierra Nevada and extends eastward to the Colorado River. The Colorado River delineates the extreme southeast extent of the state and provides water for the irrigated, agricultural land of the Imperial and Coachella Valleys.

- The Los Angeles Ranges, which are a group of small mountain ranges that extend eastward from Santa Barbara. They include the Santa Ynez, Santa Monica, San Gabriel, and San Bernardino Mountains. They are often referred to as the "Transverse Ranges" because they primarily run in an east-west direction.

Much of California's attraction and diverse economy is related to its abundant sunshine and equable temperatures. Most of California has two distinct seasons—mild, wet winters and relatively dry summers; only the higher elevations experience a four-season climate. Due to California's ocean coast and its wide variation in altitude, many different climates exist. The average July maximum temperature ranges from 64 degrees in San Francisco to 107 degrees in Imperial County. Annual rainfall in the state varies from about 80 inches at Crescent City in the extreme north to about 10 inches at San Diego at the extreme south. In San Francisco, the annual average rainfall is about 22 inches; in Los Angeles, 15 inches. In general, rains occur from October to May. In the mountains and northern part of the state, it rains 60 to 100 days per year; in the southern desert region, there may be as few as 10 days of rain.

The 1988 water year (i.e., October 1, 1987, through September 30, 1988) became the second consecutive year of below normal precipitation. Rainfall in December and January of 1988 were at or above normal; however, by the following April it was evident that the 1988 water year would be a dry one. In fact, concern for the need to ration water prompted the Department of Water Resources to establish a drought center. By the end of September, the state had received about 75 percent of normal precipitation; the San Joaquin Valley and North Lahontan (i.e., the central and north Sierra Nevada) regions were the driest in the state, and the San Francisco Bay and central coast areas received about 20 percent of normal. Also, the water shortage problem was exacerbated by one of the hottest summers on record. Many localities in the central valley approached records established for the number of 100+ degree days.

POPULATION PROFILE

The estimated population of the state of California on January 1, 1989, was 28,662,000; this represents an increase of almost 4,994,000 individuals or 21.1 percent above the April 1, 1980, decennial Census figure. A year-over comparison indicates that the state's population has expanded by 666,000 or 2.4 percent above the January 1, 1988, population estimate. As reported by the California Department of Finance, net migration (excess of in-migration over out-migration) accounted for almost 57 percent of the state's total growth during the 1988 calendar year; 43 percent was due to natural increase (i.e., excess of births over deaths). Between January of 1980 and 1989, 55 percent of the population increase was attributed to net migration.

As of January 1989, over 57 percent of the state's population resided in the seven most southern counties: Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, and Ventura. For the period between the April 1980 Census and January 1989, the population of the five most populous of these southern counties increased by more than 2.8 million people—Los Angeles County grew by about 1,172,800 residents; San Diego by 556,300; Orange by 347,400; San Bernardino by 429,500; and Riverside by 351,600. Los Angeles County had 8,650,300 residents or 30 percent of the state's population by January 1989. The greater Los Angeles metropolitan area, which includes Los Angeles and Orange counties, is home to 38 percent of the state's residents; this represents a two percent decrease from the previous year. The city of Los Angeles with a population of 3,400,500, retains its distinction as the state's largest city. The only other city in the state with a resident population greater than one million is San Diego with 1,086,600.

In Northern California, the largest population increase during the decade, in absolute numbers, occurred in Sacramento County with 204,900, followed by Alameda County with 147,000, Santa Clara County with 145,800, Contra Costa County with 119,100, and San Joaquin County with 103,700. Of the eight counties in the state that experienced growth rates exceeding 40 percent, six were located in Northern California. In fact, Amador, Calaveras, and Nevada counties experienced growth rates exceeding 50 percent between 1980 and 1989. The greater Sacramento area, which includes El Dorado, Placer, Sacramento, and Yolo counties, is one of the fastest growing areas in the state. The population in this four-county area grew by 45,800 or 3.4 percent in 1988 compared with 51,000 or 3.9 percent in 1987. Since the 1980 Census, this area has increased by over 300,000 residents.

During the nearly nine-year period since the 1980 Census, each county within California has experienced, at least in absolute numbers, population growth. However, when comparing population changes that occurred between January 1988 and January 1989, only San Francisco County recorded an actual decrease in population. During the past two years, San Francisco County has lost over 10,000 residents or about 1.4 percent of its population.

TABLE 1

TOTAL POPULATION OF CALIFORNIA COUNTIES
WITH PERCENT CHANGE

AREA	TOTAL POPULATION 1980 CENSUS	JANUARY 1987	JANUARY 1988	JANUARY 1989	PERCENT CHANGE 1980/ 1989	1987/ 1988	1988/ 1989
CALIFORNIA	23,668,049	27,338,000	27,996,000	28,662,000	21.1%	2.4%	2.4%
ALAMEDA	1,105,379	1,218,400	1,235,600	1,252,400	13.3%	1.4%	1.4%
ALPINE	1,097	1,220	1,190	1,190	8.5%	-2.5%	0.0%
AMADOR	19,314	24,500	27,200	29,150	50.9%	11.0%	7.2%
BUTTE	143,851	167,100	171,900	176,700	22.8%	2.9%	2.8%
CALAVERAS	20,701	28,600	30,450	32,400	56.5%	6.5%	6.4%
COLUSA	12,791	14,850	15,050	15,500	21.2%	1.3%	3.0%
CONTRA COSTA	656,331	736,100	755,200	775,500	18.2%	2.6%	2.7%
DEL NORTE	18,217	19,200	19,700	20,400	12.0%	2.6%	3.6%
EL DORADO	85,812	110,500	117,400	124,100	44.6%	6.2%	5.7%
FRESNO	514,621	590,100	604,100	621,200	20.7%	2.4%	2.8%
GLENN	21,350	22,900	23,150	23,600	10.5%	1.1%	1.9%
HUMBOLDT	108,525	112,900	114,800	116,800	7.6%	1.7%	1.7%
IMPERIAL	92,110	108,200	111,200	115,700	25.6%	2.8%	4.0%
INYO	17,895	17,950	17,950	18,200	1.7%	0.0%	1.4%
KERN	403,089	499,100	511,400	526,600	30.6%	2.5%	3.0%
KINGS	73,738	85,900	91,400	96,600	30.2%	6.4%	5.0%
LAKE	36,366	49,900	50,900	52,100	43.3%	2.0%	2.4%
LASSEN	21,661	25,650	26,250	28,800	33.0%	2.3%	9.7%
LOS ANGELES	7,477,421	8,418,600	8,551,500	8,650,300	15.7%	1.6%	1.2%
MADERA	63,116	79,000	81,300	83,800	32.8%	2.9%	3.1%
MARIN	222,592	227,000	228,600	231,900	4.2%	0.7%	1.4%
MARIPOSA	11,108	13,800	14,300	14,800	33.2%	3.6%	3.5%
MENDOCINO	66,738	74,500	75,600	76,900	15.2%	1.5%	1.7%
MERCED	134,558	164,000	168,600	173,900	29.2%	2.8%	3.1%
MODOC	8,610	9,300	9,200	9,375	8.9%	-1.1%	1.9%
MONO	8,577	9,150	9,375	9,800	14.3%	2.5%	4.5%
MONTEREY	290,444	340,200	345,500	349,300	20.3%	1.6%	1.1%
NAPA	99,199	104,900	105,800	107,600	8.5%	0.9%	1.7%
NEVADA	51,645	72,100	75,500	78,800	52.6%	4.7%	4.4%
ORANGE	1,932,921	2,195,700	2,240,100	2,280,400	18.0%	2.0%	1.8%

TABLE 1 (CONTINUED)

TOTAL POPULATION OF CALIFORNIA COUNTIES
WITH PERCENT CHANGE

AREA	TOTAL POPULATION				PERCENT CHANGE		
	1980 CENSUS	JANUARY 1987	JANUARY 1988	JANUARY 1989	1980/ 1989	1987/ 1988	1988/ 1989
PLACER	117,247	145,300	152,700	160,400	36.8%	5.1%	5.0%
PLUMAS	17,340	19,600	19,800	20,050	15.6%	1.0%	1.3%
RIVERSIDE	663,199	887,400	946,700	1,014,800	53.0%	6.7%	7.2%
SACRAMENTO	783,381	930,100	961,300	988,300	26.2%	3.4%	2.8%
SAN BENITO	25,005	32,450	33,750	35,250	41.0%	4.0%	4.4%
SAN BERNARDINO	895,016	1,167,000	1,245,200	1,324,600	48.0%	6.7%	6.4%
SAN DIEGO	1,861,846	2,248,500	2,328,300	2,418,200	29.9%	3.5%	3.9%
SAN FRANCISCO	678,974	742,300	736,500	731,700	7.8%	-0.8%	-0.7%
SAN JOAQUIN	347,342	437,200	449,800	460,300	32.5%	2.9%	2.3%
SAN LUIS OBISPO	155,435	198,100	204,400	211,900	36.3%	3.2%	3.7%
SAN MATEO	587,329	620,100	625,200	632,800	7.7%	0.8%	1.2%
SANTA BARBARA	298,694	340,000	342,400	348,400	16.6%	0.7%	1.8%
SANTA CLARA	1,295,071	1,415,100	1,422,600	1,440,900	11.3%	0.5%	1.3%
SANTA CRUZ	188,141	220,400	224,300	229,900	22.2%	1.8%	2.5%
SHASTA	115,715	133,800	137,800	143,100	23.7%	3.0%	3.8%
SIERRA	3,073	3,390	3,520	3,600	17.1%	3.8%	2.3%
SISKIYOU	39,732	42,650	42,950	43,750	10.1%	0.7%	1.9%
SOLANO	235,203	292,500	306,800	321,100	36.5%	4.9%	4.7%
SONOMA	299,681	348,800	360,100	371,600	24.0%	3.2%	3.2%
STANISLAUS	265,900	320,100	334,000	347,500	30.7%	4.3%	4.0%
SUTTER	52,246	59,700	61,100	62,500	19.6%	2.3%	2.3%
TEHAMA	38,888	45,200	46,150	47,250	21.5%	2.1%	2.4%
TRINITY	11,858	13,550	13,650	14,000	18.1%	0.7%	2.6%
TULARE	245,738	288,400	294,700	300,200	22.2%	2.2%	1.9%
TUOLUMNE	33,928	43,050	45,050	49,000	44.4%	4.6%	8.8%
VENTURA	529,174	620,300	638,000	653,600	23.5%	2.9%	2.4%
YOLO	113,374	127,100	132,600	137,000	20.8%	4.3%	3.3%
YUBA	49,733	54,900	56,200	57,300	15.2%	2.4%	2.0%

SOURCE: CALIFORNIA DEPARTMENT OF FINANCE
REPORT 88 E-1, MAY 1988 AND REPORT 89 E-1, MAY 1989

The composition of the state's population, with respect to race and ethnicity, has changed significantly in recent years (see Table 2). Between the 1980 Census and January 1989, the representation of non-hispanic whites has decreased from 67 percent to 59 percent; Hispanics has increased from 19 to 24 percent; the Asian and other group has increased by almost 3 percent to comprise over 9 percent of the general population; and blacks have remained essentially unchanged at about 7.5 percent. During this decade, the Hispanic population has increased, in absolute numbers, by over 2,340,000 residents. If growth rates continue at current levels, Hispanics will comprise about one-fourth of the state's population in 1990.

TABLE 2

TOTAL POPULATION OF CALIFORNIA
BY RACE/ETHNICITY (A)

	TOTAL POPULATION AND PERCENT REPRESENTATION OF TOTAL					
GROUP	1980 CENSUS		JANUARY 1, 1988		JANUARY 1, 1989	
ALL	23,668,049	100.0%	27,996,000	100.0%	28,662,000	100.0%
WHITE (B)	15,816,166	66.8%	16,767,665	59.9%	16,955,747	59.2%
BLACK (B)	1,781,159	7.5%	2,106,810	7.5%	2,153,749	7.5%
HISPANIC	4,517,165	19.1%	6,560,078	23.4%	6,861,578	23.9%
ASIAN & OTHER (B)	1,553,619	6.6%	2,561,447	9.1%	2,690,926	9.4%

(A) THESE ESTIMATES ARE BASED ON EXTRAPOLATIONS OF PROJECTIONS DEVELOPED BY THE DEMOGRAPHICS RESEARCH UNIT OF THE DEPARTMENT OF FINANCE AND PUBLISHED IN REPORT 86 P-3 (DECEMBER 1986) AND REPORT 89 E-1 (MAY 1989). THE DATA IN REPORT 86 P-3 WILL NOT BE REVISED UNTIL AFTER THE 1990 CENSUS.

(B) HISPANICS ARE NOT INCLUDED IN THE COUNTS OF WHITE, BLACK, OR ASIAN AND OTHER.

NOTE: DETAIL MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

SOURCE: CALIFORNIA DEPARTMENT OF FINANCE

Population estimates for California by sex and various age groups are listed in Table 3. Males outnumber females for all age cohorts through the 35-39 age group. In the 40-44 age cohort, males and females are present in approximately equal numbers; however, for all succeeding age cohorts, females outnumber males in progressively larger proportions. This trend is supported further by the higher median age of the female segment of the state's population.

TABLE 3

TOTAL POPULATION OF CALIFORNIA
BY SEX AND AGE (A)

JANUARY 1, 1989

AGE COHORT	TOTAL POPULATION	MALE POPULATION	FEMALE POPULATION
ALL	28,662,000	14,132,176	14,529,824
0-4	2,317,216	1,185,682	1,131,534
5-9	2,277,390	1,160,974	1,116,416
10-14	1,956,663	995,987	960,676
15-19	1,943,983	997,990	945,993
20-24	2,257,214	1,172,818	1,084,396
25-29	2,405,179	1,212,004	1,193,175
30-34	2,530,501	1,267,564	1,262,937
35-39	2,404,131	1,211,569	1,192,562
40-44	2,037,702	1,018,462	1,019,240
45-49	1,572,573	779,787	792,786
50-54	1,311,727	645,695	666,032
55-59	1,227,875	594,324	633,551
60-64	1,213,607	569,477	644,130
65-69	1,076,392	490,979	585,413
70-74	835,602	364,572	471,030
75-79	616,574	246,869	369,705
80-84	384,857	136,351	248,506
85+	292,811	81,071	211,740
16-19	1,600,457	823,040	777,417
25-64	14,763,295	7,298,882	7,464,413
65+	3,206,236	1,319,842	1,886,394
MEDIAN AGE	32.35	31.39	33.28

(A) POPULATION ESTIMATES ARE BASED ON EXTRAPOLATIONS OF PROJECTIONS DEVELOPED BY THE DEMOGRAPHICS RESEARCH UNIT OF THE DEPARTMENT OF FINANCE AND PUBLISHED IN REPORTS 88 P-3 (DECEMBER 1988) AND 89 E-1 (MAY 1989). THE DATA IN REPORT 88 P-3 WILL NOT BE REVISED UNTIL AFTER THE 1990 CENSUS.

NOTE: DETAIL MAY NOT ADD TO TOTALS BECAUSE OF ROUNDING.

SOURCE: CALIFORNIA DEPARTMENT OF FINANCE

THE NATIONAL ECONOMY IN 1988

OVERVIEW

Nineteen hundred and eighty-eight became the sixth consecutive year of growth in the nation's economy. Following the 1982 recession, which was the most severe downturn in the economy since the depression of the 1930's, the nation has experienced the longest peacetime expansion in United States history. From the depths of this most recent recession, when the seasonally adjusted unemployment rate reached 10.8 percent in November and December of 1982, the economy has recovered to post steady gains in jobs as the seasonally adjusted rate dropped to 5.3 percent in December 1988. During this six year expansionary period, approximately 16.9 million additional jobs were created. Inflation, as measured by the consumer price index, grew at an annual rate of 4.1 percent during the year. The manufacturing sector continued to show improvement as manufacturing productivity and average weekly earnings, in current dollars, increased at annual rates of 4.4 and 2.7 percent, respectively. The drought of 1988, one of the most severe in this century, affected agricultural production in the non-irrigated lands of the midwest and the upper mountain states. As substantial inventory stocks reduced the effect of crop and livestock losses, moderate increases in commodity prices resulted in about a 1 percent increase in retail food prices.

The good economic news was offset by continuing problems with the federal deficit and the negative balance of payments. As further efforts were made to reach the target established by the Gramm-Rudman-Hollings legislation, the size of the federal deficit, which averaged $142.4 billion for 1988, decreased from the previous year but remained high by historical standards. Estimates of monies required for the bailout of the troubled savings and loan industry continued to hinder progress in reducing the deficit. The trade imbalance improved somewhat as the average for 1988 was $30.4 billion compared to $35.1 billion for 1987. Mergers and takeovers continued at a rapid pace during 1988 as corporations replaced stockholder equity with huge debt burdens.

THE "CRASH" OF 1987 - 1 YEAR LATER

The Dow Jones Industrial (DJI) average began an impressive climb in early 1987. The closing average on January 2, the first business day of the year, was 1927.31; by August 21, it had reached 2709.50, an all-time high. On Monday, October 19, after a massive sell-off of a broad range of stocks, the DJI average plummeted to 1738.74, a record 508.00 point loss for one day of trading. During 1988, the "Dow" continued to exhibit a high degree of volatility and by October 19, 1988, the anniversary date of the 1987 "Crash," the average reached 2137.27, a gain of 398.53 points for the preceeding 12 months. The DJI average continued to demonstrate modest improvement during the remainder of the year and reached 2168.57 by year-end, a net gain of only 153.32 points for 1988.

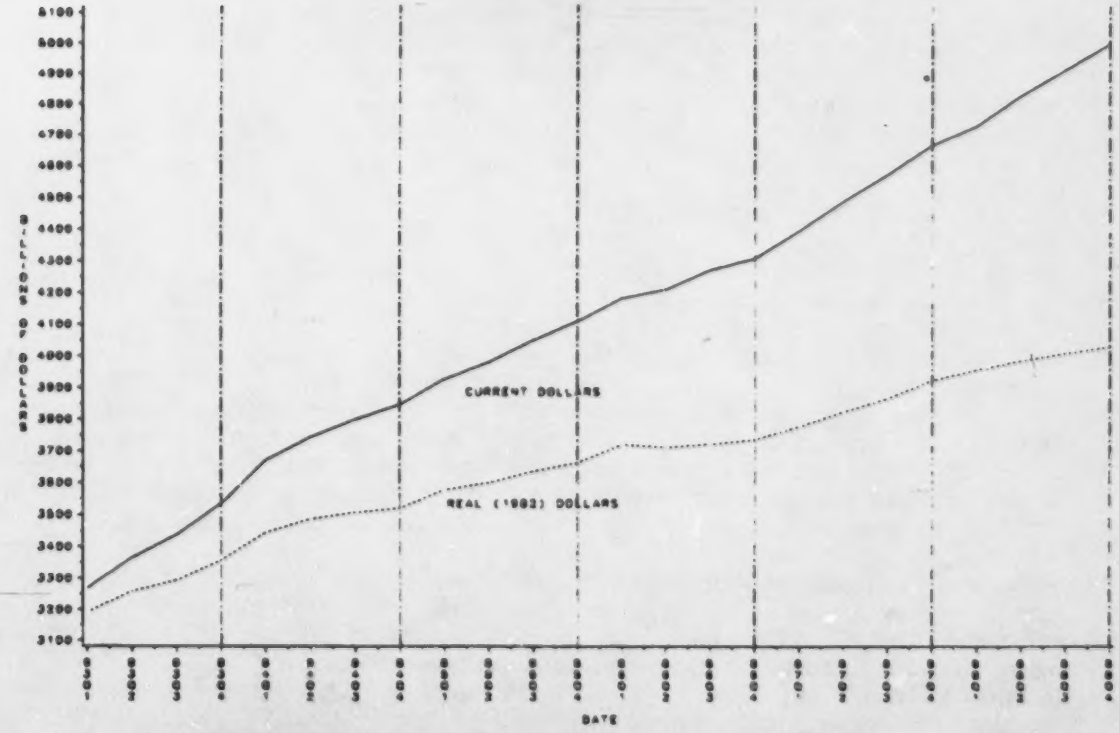
While the stock market, historically, has not been a good predictor of economic activity, it has continued to serve as an indicator of confidence in the economy. The overall magnitude of the contraction on October 17, 1987, prompted many analysts to forecast a depression or a severe recession; however, none of these predictions came true in 1988. By the end of 1988, the DJI average had recovered 84.6 percent of the loss incurred on "Black Monday." Nevertheless, one of the effects of the "Crash" has been the loss of a substantial number of individual investors.

GROSS NATIONAL PRODUCT

As the current economic expansion continued, 1988 became the sixth consecutive year of growth in the nation's output of goods and services. The gross national product (GNP), in 1982 dollars, increased at an annual rate of 2.8 percent compared to 5.0 percent in 1987 (see Figure 1). The drought of 1988 resulted in a loss, as measured in 1982 dollars, of over $12 billion in crop and livestock production. This reduced real GNP by 0.7 percent in 1988. As in the three previous years, this country's significant, although improved, foreign trade deficit was a contributing factor to this rather modest performance. The exchange rate of the dollar, relative to most other currencies, continued to decrease through the early part of the year but leveled off during the latter part. The trade deficit, in 1982 dollars, moderated somewhat to average $100.2 billion for 1988, down from $128.9 billion in 1987. Improvement in the trade deficit was due primarily to the devaluation of the dollar during the previous two years and the early part of 1988. While the unemployment rate continued to show steady improvement in 1988, inflation, as measured by the consumer price index (CPI), began to edge upward. The CPI, which increased at an average annual rate of 3.6 percent in 1987, accelerated in 1988 to register an average increase of 4.1 percent.

FIGURE 1

GROSS NATIONAL PRODUCT
UNITED STATES 1984–1988
(Quarterly data, seasonally adjusted at annual rates)



Source: U. S. Department of Commerce,
Business Conditions Digest, March 1989

INCOME AND CONSUMPTION

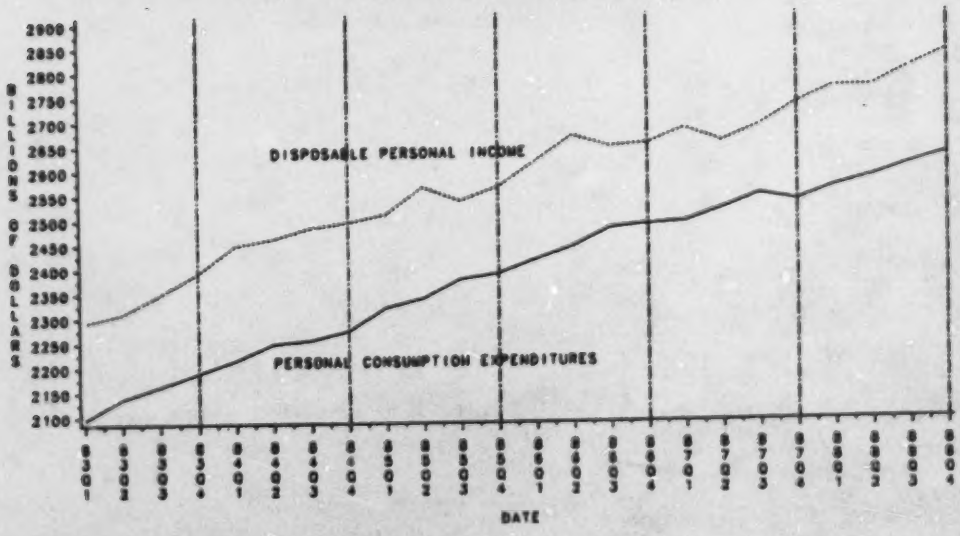
Reversing a trend noted in recent years, personal income exceeded the rate of increase in consumer spending. Both real income and consumption increased in 1988 (see Figure 2). Disposable personal income (in current dollars) increased at a rate of 8.0 percent, compared to 7.0 percent between the fourth quarters of 1986 and 1987, but real disposable personal income advanced by 3.6 percent over this period, compared to 3.0 percent during 1987. In 1988, real disposable personal income outpaced personal consumption expenditures, which grew at an annual rate of 2.8 percent. Increases in personal consumption expenditures were led, in absolute numbers, by spending on services, which grew in real terms by $43.0 billion or 3.5 percent. Expenditures on durable goods posted a healthy 4.8 percent increase over the year. As auto dealers continued with attractive financing packages, automobile sales recovered to record a 3.5 percent gain over 1987. The 10,642,000 cars sold in 1988 represented an increase of 360,000 cars from the previous year.

SAVINGS

Personal consumption expenditures grew at an annual rate of 3.7 percent during 1988 while real disposable personal income improved to 3.8 percent during the comparable period. As a result of the improvement in disposable income, personal savings averaged 4.2 percent of disposable income in 1988, a notable increase over the 3.2 percent recorded a year earlier. This was still well below the average of 7.2 percent for the period 1950 to 1980.

FIGURE 2

PERSONAL CONSUMPTION EXPENDITURES AND DISPOSABLE PERSONAL INCOME
UNITED STATES 1983–1988
(1982 dollars)
(Quarterly data, seasonally adjusted at annual rates)



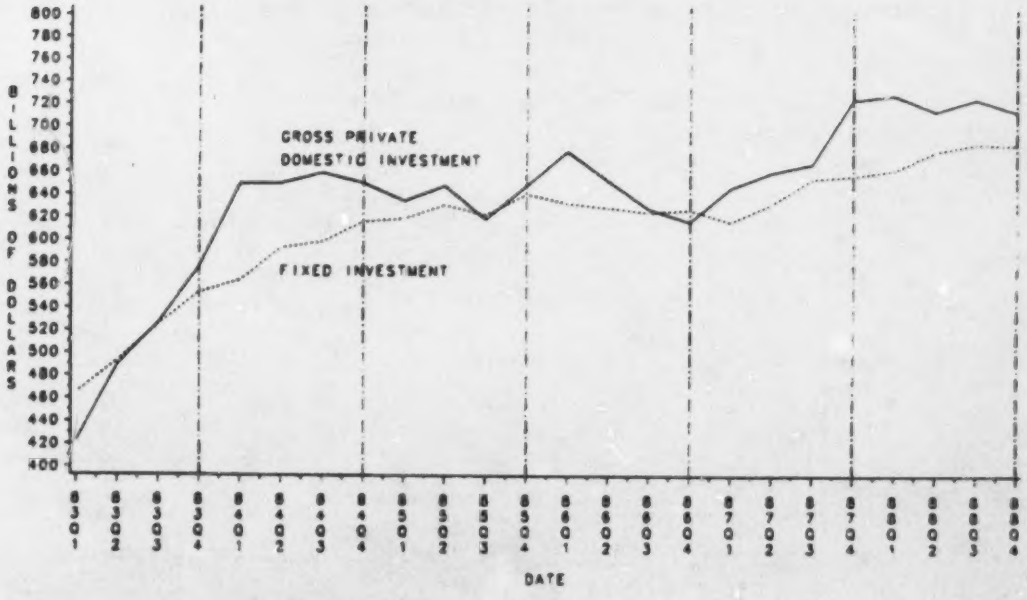
Source: U. S. Department of Commerce
Business Conditions Digest, March 1989

INVESTMENT

Business fixed investment increased by 4.6 percent in 1988, although some leveling off was noted during the 4th quarter (see Figure 3). Residential investment, responding to rising interest rates, decreased at a pace of 1.7 percent during 1988. Housing starts, expressed in annual rates, fluctuated monthly between 1.4 and 1.6 million units and averaged nearly 1.5 million per quarter for the year. This represents a decrease of 8.5 percent in 1988, when compared with the previous year. Investment in non-residential structures remained relatively stable through 1988 and posted a nominal 0.3 percent decrease when compared with 1987. In the manufacturing sector, both the capacity utilization rate and spending on producers' durable equipment increased in 1988. The capacity utilization rate for manufacturing rose from 81.0 percent in 1987 to average 83.6 percent in 1988, while growth in spending on producers' durable equipment increased by a substantial 13.4 percent in 1988 compared to 1.9 percent in 1987. Even with the draw-down in inventories during the 2nd, 3rd, and 4th quarters of 1988, as measured by the change in business inventories (see Figure 4), there was an $8.1 billion increase in inventories over the average observed in 1987.

FIGURE 3

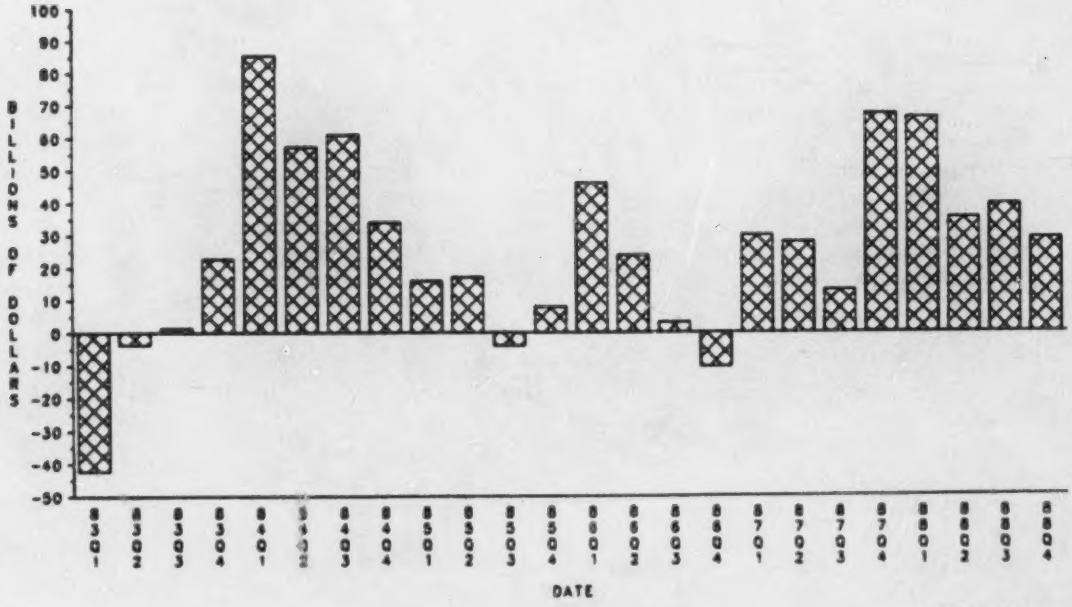
GROSS PRIVATE DOMESTIC INVESTMENT
UNITED STATES 1983-1988
(1982 dollars)
(Quarterly data, seasonally adjusted at annual rates)



Source: U. S. Department of Commerce
Business Conditions Digest, March 1989

FIGURE 4

CHANGE IN BUSINESS INVENTORIES
UNITED STATES 1983–1988
(1982 dollars)
(Quarterly data, seasonally adjusted at annual rates)



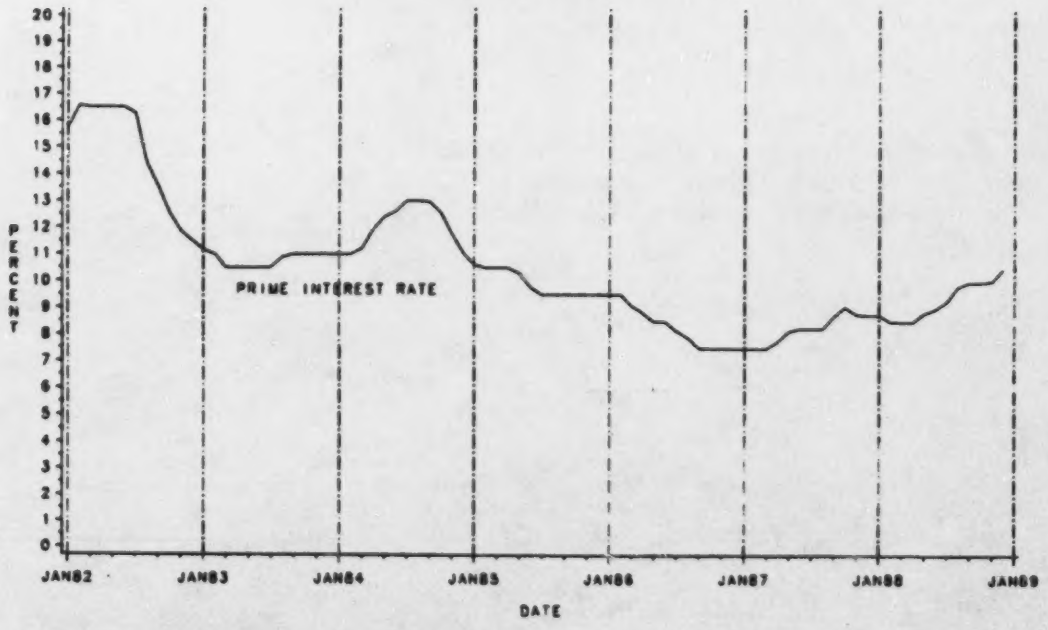
Source: U. S. Department of Commerce
Business Conditions Digest, March 1989

INTEREST RATES

While the value of the dollar recovered somewhat from the devaluation that occurred in 1986 and 1987, the Federal Reserve Board continued with the restrictive monetary policy imposed in late 1987. The money supply, as measured by M1 (currency, demand deposits, and other checkable deposits) grew by only 0.2 percent in 1988, compared to 3.7 percent in 1987 and 14.3 percent in 1986. The Federal Reserve Board, after reducing discount rates in 1986, began increasing those rates in 1987. In January, the discount rate was 5.9 percent and after a steady rise throughout the year, it reached 8.09 percent in December 1988. This resulted in a gradual increase in the prime rate during the year as the "prime," which began the year at 8.75 percent, reached 10.0 percent in September and closed out the year at 10.5 percent (see Figure 5). New private housing units started in 1988, averaged 1,488,000, a decrease of 8.1 percent from the previous year. Home sales, after peaking in March and April, responded to movements in the mortgage rates and fell during the latter half of 1988. The total number of new houses sold in 1988 was 677,000, a small increase over the 1987 total of 671,000 but still well below the 750,000 units sold in 1986. The median, new-home price of single-family dwellings sold in the United States in 1988 reached $121,000 by year-end; the average (or mean) price for these same units exceeded $152,000 in December.

FIGURE 5

PRIME INTEREST RATE BY MONTH
UNITED STATES 1982-1988



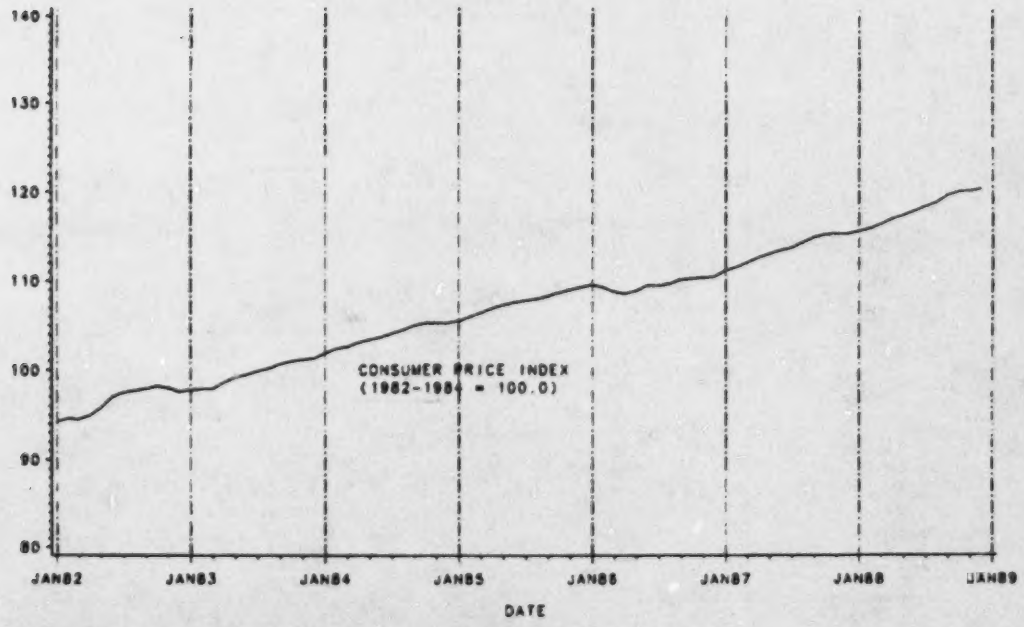
Source: U. S. Department of Commerce
Business Conditions Digest, March 1989

INFLATION

Inflation began to accelerate in 1988. This past year ended with an annual increase in the Consumer Price Index (CPI) of 4.1 percent, up from the 3.6 percent increase reported in 1987 (see Figure 6). Though it is unusual for inflation to remain at this level late into a recovery, moderate increases in oil and food prices have helped sustain this trend. Producer (or wholesale) prices increased, on an annual average basis, by 4.0 percent in 1988, compared to a 2.6 percent increase in 1987.

FIGURE 6

CONSUMER PRICE INDEX BY MONTH
UNITED STATES 1982-1988



Source: U. S. Department of Commerce
Business Conditions Digest, March 1989

EMPLOYMENT

The pace of civilian job growth continued to improve in 1988, although at a slower rate, as total civilian employment expanded, on an annual average basis, by 2.2 percent. This translates to 2,528,000 jobs created last year, compared to a growth rate of 2.6 percent in 1987 or 2,843,000 additional jobs. The civilian, seasonally adjusted, unemployment rate declined steadily from 5.8 percent in January to 5.3 percent in December. This was down sharply from the recession high of 10.8 percent in November and December of 1982 (see Figure 7). In fact, the annual average unemployment rate for 1988 was 5.5 percent, the lowest annual rate recorded since 1973. From December of 1987 through December of 1988, the level of seasonally adjusted unemployment fell by 407,000, leaving 6,554,000 workers jobless.

FIGURE 7

COMPARISON OF SEASONALLY ADJUSTED UNEMPLOYMENT RATES
UNITED STATES AND CALIFORNIA 1982-1988

Source: U. S. Department of Commerce
Business Conditions Digest, March 1989

1989-1990 NATIONAL LABOR MARKET OUTLOOK

As the recovery enters its seventh year, the outlook for 1989 and 1990 calls for slower growth in the nation's employment. Factors that support this forecast are as follows:

- A slowdown in the economy. Early in 1989 the slowdown was signaled by a downward trend in the index of eleven leading economic indicators. The index finished 1988 with increases in each of the last three months; however, decreases were recorded in February and March of 1989. Reductions in housing starts and automobile sales in addition to a problematic federal deficit and negative balance of payments do not enhance the overall prospects for the economy.

- Higher inflation and interest rates. The Federal Reserve Board, responding to inflationary pressures, as measured by the Consumer and Producer Price Indexes, proceeded with a more restrictive monetary policy. With increases in the discount rate imposed in early 1989, questions remain whether the Federal Reserve Board can engineer a "soft-landing."

- Higher but stable world oil prices. Analysts foresee no major disruptions in the supply of crude oil in the immediate future even with continued unrest in the Middle East. While somewhat higher energy costs should not be enough to affect the expansion, a negative side-effect will be continued sluggishness in domestic fuel exploration and production.

- Unusual volatility in the exchange value of the dollar. The value of the dollar, with respect to most other foreign currencies, demonstrated an unusual degree of volatility in 1988; however, there was some improvement compared with the Japanese Yen and the Canadian Dollar. The exchange value of the dollar began a steady climb in early 1989; a continuation of this trend will have an undesirable effect on the balance of payments.

THE CALIFORNIA ECONOMY IN 1988

OVERVIEW

The California economy completed six years of uninterrupted economic growth in 1988, as did the nation as a whole. A total of 2,264,700 new jobs were created in California between 1982 and 1988. During this six-year expansion, nonagricultural wage and salary employment, a key measure of the state's economic health, grew on an average of 3.8 percent per year. In 1988 nonagricultural wage and salary employment grew by 3.4 percent, slightly less than the 3.7 percent growth of 1987. Total nonagricultural wage and salary employment increased by 396,000 to a total of 12,075,000 in 1988. All major sectors added additional workers to payrolls, although the rates slowed from 1987.

On an annual average basis, California's civilian labor force grew by 307,000 individuals, reaching 14,036,000. The number of Californians employed averaged 13,292,000 for the year, an increase of 354,000 over 1987 levels. During the same period, the number of unemployed persons fell by 48,000 to average 743,000. This civilian employment growth surpassed the growth of the civilian labor force; as a result the annual average unemployment rate declined from 5.8 percent in 1987 to a record low of 5.3 percent in 1988. In fact, the fourth quarter unemployment rate of 5.0 percent was the lowest since the Current Population Survey began sampling households in 1970.

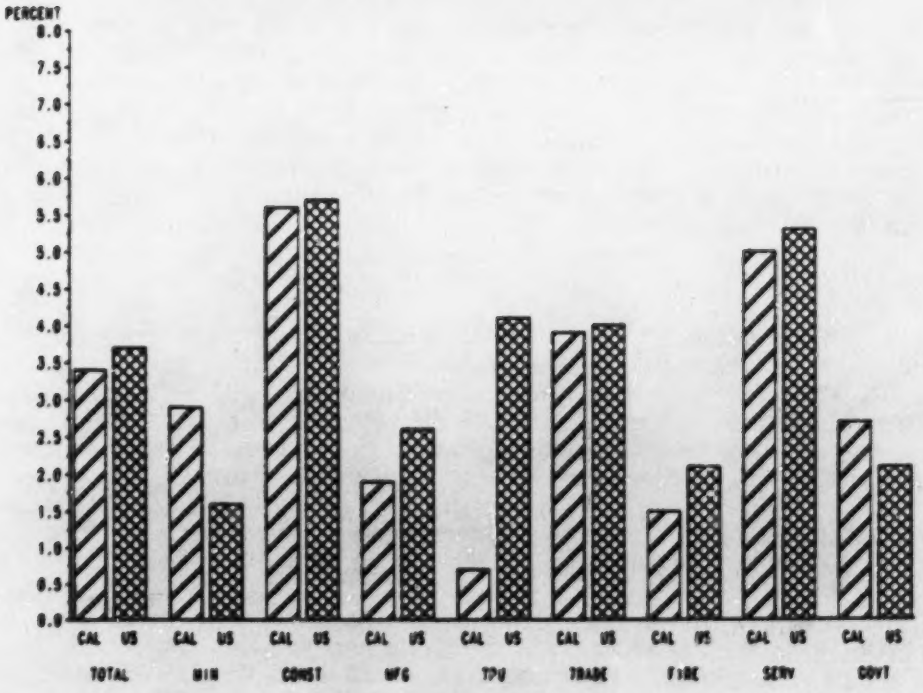
Since 1982, over the course of the current expansion, 62 percent of the job growth has been concentrated in the trade and services sectors. In 1988, these two service-producing sectors combined accounted for over 64 percent of all new jobs in California, increasing by 3.9 percent and 5.1 percent, respectively. Over the last six years of economic expansion, job growth in manufacturing has averaged only 1.6 percent annually. In spite of the reduction in the value of the dollar, increased worldwide competition and greater productivity have depressed employment gains in manufacturing. In 1988, this sector's employment grew by only 1.9 percent, adding 40,300 new jobs.

Rising interest rates and above-average inflation in home prices slowed the growth of construction activity in 1988. A total of 254,100 new housing units were authorized in 1988, nearly unchanged from 1987, but well below the 1986 number of 314,100 units. However, total construction values, measured in inflation-adjusted 1988 dollars, increased to $45.08 billion in 1988 compared with $40.18 billion in 1987, reflecting real cost increases in construction. Residential construction represented over 57 percent of total dollar valuations while nonresidential and heavy construction represented 31 percent and 11 percent, respectively.

The annual rate of nonagricultural wage and salary job growth for California in 1988 was 3.4 percent, slightly less than the 3.6 percent growth of the rest of the nation (see Figure 8). California out-performed the balance of the nation in only two of eight nonagricultural sectors. In mining, the 2.9 percent increase out-paced the 1.7 percent increase of the rest of the nation. Also, California exceeded the balance of the nation in the job growth in government with 2.7 percent compared with 2.2 percent.

FIGURE 8

ANNUAL EMPLOYMENT GROWTH RATES BY INDUSTRY
CALIFORNIA AND UNITED STATES (EXCLUDING CA) 1988



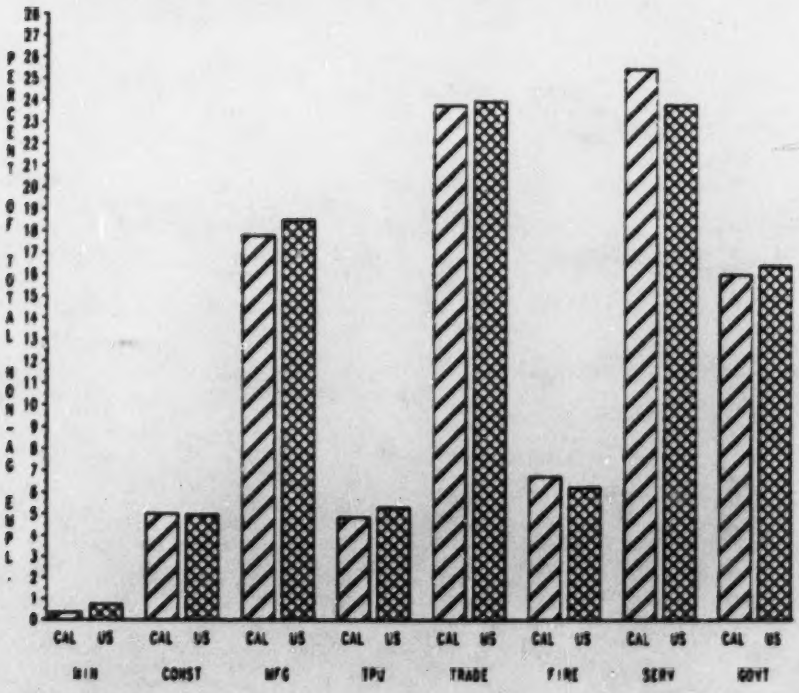
Source: Employment Data and Research Division and
U. S. Department of Labor, Employment and Earnings, February 1989

While last year, California out-performed the balance of the nation in six of the eight major industry sectors, in 1988 it fell behind in six sectors: 5.6 percent growth in construction as compared with 5.9 percent for the rest of the nation; a 1.9 percent increase in manufacturing as opposed to 2.5 percent; a .7 percent increase in transportation and public utilities in contrast to 3.7 percent for the balance of the nation; in wholesale and retail trade 3.9 percent compared with 4.0 percent; a 1.5 percent increase in finance, insurance and real estate while the rest of the nation increased by 2.0 percent; and in services the balance of the nation increased by 5.2 percent with California closely following with 5.1 percent.

Figure 9 illustrates the distribution of industrial jobs between California and the balance of the nation. As shown below, California parallels the balance of the nation in composition of employment in the major industries. Thus, the California economy reflects, except on a smaller scale, the highly diverse nature of the balance of the national economy. In 1988, as has been the case in recent years, the service industries, at 25.5 percent, comprised the largest share of the state's wage and salary employment. Together, service and trade sectors made up over 49 percent of California's nonagricultural wage and salary employment base, compared with 48 percent for the balance of the nation. Due to its lagging growth rate, the manufacturing sector in California fell slightly behind the balance of the nation in its share of total employment in 1988: 17.8 percent compared with 18.4 percent. The manufacturing base has, in fact, deteriorated in employment share over the decade in both California and the nation. In California, the manufacturing sector's share of total employment declined from 20.5 percent in 1980 to 17.8 percent in 1988.

FIGURE 9

COMPARISON OF NONAGRICULTURAL INDUSTRY MIX
CALIFORNIA AND UNITED STATES (EXCLUDING CA) 1988



Source: Employment Data and Research Division and
U. S. Department of Labor, Employment and Earnings, February 1989

1989-1990 CALIFORNIA LABOR MARKET OUTLOOK

The current economic expansion is now into its peacetime-record seventh year in 1989. Nearly nine years have passed since the national economy began to slide into its last recession, which lasted 16 months, ending officially in November of 1982. While economic indicators show mixed signs for the future, they do not, at this time, suggest a recession-level downturn. The national economy appears headed for a "soft landing"-weak growth but avoiding a recession.

The national and California economies have exhibited some signs of slowing, but there is still sufficient evidence to indicate that they are both relatively strong and stable. The gross national product estimates for the first quarter of 1989 indicate that the national economy grew at a robust annual rate of 4.3 percent. Average manufacturing in California declined in the fourth quarter of 1988 and first quarter of 1989 with durable manufacturing, a sensitive component, declining in the latter. Although these current declines signal slowing in California's basic industries, employment levels in both groups are still above 1988 levels. In addition, aircraft and parts employment, an important component of California's manufacturing industry, which is driven by commercial aircraft orders, has grown steadily. Construction employment and housing permits had typical seasonal declines in the first quarter of 1989; but they remain above first quarter 1988 levels despite a 3.5 percentage point climb in interest rates since March 1988. Further evidence of strength is California's 4.9 percent average unemployment rate in the first quarter of 1989.

Moderate economic expansion is expected to continue in California through 1990, slowing slightly this year and more significantly in the next. Little improvement is expected in California's manufacturing sector because national indicators show a decline in business and consumer spending on durable goods. Continued reductions are expected in defense expenditures. In addition, construction activity will increasingly feel the effects of higher interest rates and home-price inflation; growth will be nearly flat in the remainder of this year and declining in 1990. The services and trade sectors, which are closely linked to overall economic performance, are expected to begin to slow in late 1989 and continue this trend through the first half of 1990.

CALIFORNIA CIVILIAN LABOR FORCE

The California labor force is expected to grow at an annual rate of 1.7 percent in 1989 and 2.1 percent in 1990 (see Table 4). These levels are slightly lower than the 2.2 percent growth in 1988, due in part to the general slowing in the growth of the working age population in California. The labor force is expected to reach 14,270,000 individuals on an annual basis in 1989 and 14,566,000 in 1990.

CALIFORNIA CIVILIAN EMPLOYMENT

Employment growth is expected to decline in 1989 and 1990. Annual growth rates of 1.7 percent in 1989 and 1.5 percent in 1990 are forecast compared to a 2.7 percent rate of increase in 1988. The total number of jobholders in California is expected to be 13,518,000 on an annual basis in 1989 and 13,732,000 in 1990.

CALIFORNIA CIVILIAN UNEMPLOYMENT

The number of unemployed workers decreased by 5.9 percent in 1988, with an annual average of 743,000. The first quarter of 1989 showed additional declines in the jobless, averaging 689,000. The unemployment rate for the first quarter of 1989 was 4.9 percent. Job growth in California will begin to lag behind growth in the labor force; consequently, our forecast calls for slight increases in the unemployment rate beginning in the second quarter of this year and peaking at 5.8 percent in the first and second quarters of 1990. The annual average unemployment rate of 5.3 percent is expected in 1989, same as 1988, and increasing to 5.7 percent in 1990. The total number of jobless in California will peak in the second quarter of 1990 at 843,100 workers.

TABLE 4

CALIFORNIA LABOR MARKET FORECAST

LABOR FORCE, EMPLOYMENT, AND UNEMPLOYMENT
(In Thousands, Seasonally Adjusted)
UNEMPLOYMENT RATE
(In Percent)
1988: I - 1990: IV

1988:	QUARTER I	II	III	IV	ANNUAL AVERAGE	ANNUAL CHANGE	PERCENT CHANGE
LABOR FORCE	13,924.0	14,022.0	14,044.0	14,149.0	14,036.0	307	2.2%
EMPLOYMENT	13,194.0	13,234.0	13,294.0	13,446.0	13,292.0	354	2.7%
UNEMPLOYMENT	730.0	788.0	750.0	703.0	743.0	-47	-5.9%
RATE	5.2%	5.6%	5.3%	5.0%	5.3%		

1989:	QUARTER I	II(F)	III(F)	IV(F)	ANNUAL AVERAGE	ANNUAL CHANGE	PERCENT CHANGE
LABOR FORCE	14,152.0	14,239.7	14,306.7	14,382.5	14,270.0	235	1.7%
EMPLOYMENT	13,463.7	13,499.7	13,533.7	13,577.5	13,518.0	226	1.7%
UNEMPLOYMENT	689.0	740.5	772.6	805.4	751.9	9	1.2%
RATE	4.9%	5.2%	5.4%	5.6%	5.3%		

1990:	QUARTER I(F)	II(F)	III(F)	IV(F)	ANNUAL AVERAGE	ANNUAL CHANGE	PERCENT CHANGE
LABOR FORCE	14,464.5	14,536.8	14,600.8	14,659.2	14,566.0	296	2.1%
EMPLOYMENT	13,625.5	13,696.8	13,768.8	13,838.2	13,732.0	214	1.5%
UNEMPLOYMENT	838.9	843.1	832.2	820.9	833.8	82	10.9%
RATE	5.8%	5.8%	5.7%	5.6%	5.7%		

NOTE: ROMAN NUMERALS REFER TO QUARTERS; F = FORECAST.
DETAIL MAY NOT ADD TO TOTAL BECAUSE OF ROUNDING.

SOURCE: EMPLOYMENT DATA AND RESEARCH DIVISION, JUNE 1989

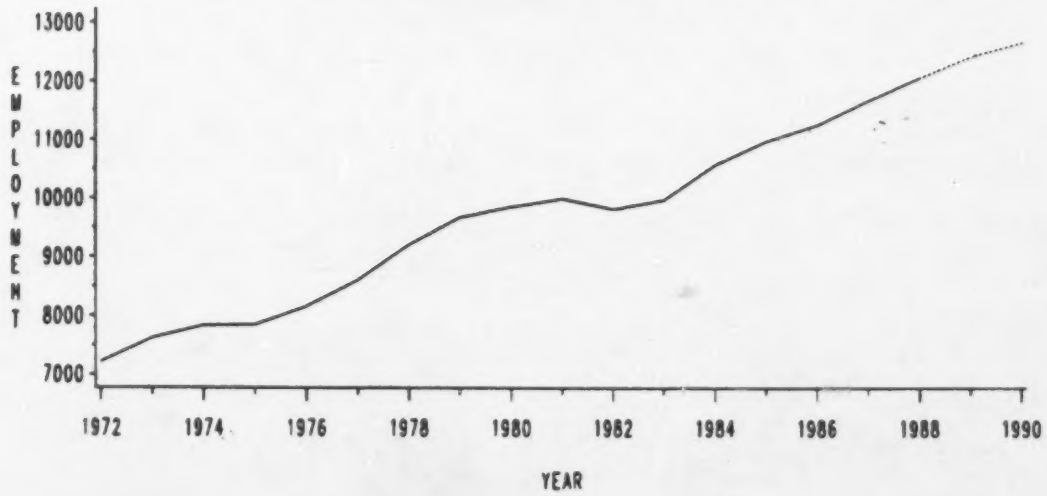
CALIFORNIA WAGE AND SALARY EMPLOYMENT

Total nonagricultural wage and salary employment in California grew by nearly 400,000 or 3.4 percent, in 1988. In both absolute numbers and percentage change the 1988 increase was slightly less than 1987. Nonetheless, 1988 was the sixth consecutive year of job growth; since 1982 more than 2,200,000 new jobs have been created in California. As in 1987, most of the increase was in services and trade; combined the two sectors contributed 64 percent of all new employment in 1988.

Economic growth is expected to decline in both 1989 and 1990 from previous levels. The outlook for 1989 anticipates wage and salary employment to grow by 3.1 percent, an increase of 370,000 jobs. In 1990 an increase of 1.9 percent, 240,000 jobs is expected (see Table 5). Total wage and salary employment is estimated to average 12,445,000 in 1989 and 12,684,000 in 1990 (see Figure 10).

FIGURE 10

TOTAL NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT
CALIFORNIA 1972-1990
(In thousands)



Source: Employment Data and Research Division

TABLE 5

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT FORECAST
FOR CALIFORNIA
(ANNUAL AVERAGES IN THOUSANDS)

INDUSTRY	1988	1989(F)	1990(F)	NUMERIC CHANGE 88/89	PERCENT CHANGE 88/89	NUMERIC CHANGE 89/90	PERCENT CHANGE 89/90
TOTAL EMPLOYMENT	12,075	12,445	12,684	370	3.1%	240	1.9%
MINING	42	42	42	0	0.0%	0	0.0%
CONSTRUCTION	607	622	606	15	2.5%	-16	-2.6%
MANUFACTURING	2,148	2,182	2,200	34	1.6%	18	0.8%
NONDURABLES	699	719	726	20	2.9%	7	1.0%
DURABLES	1,449	1,464	1,474	15	1.0%	10	0.7%
TRANSPORTATION & PUBLIC UTILITIES	586	598	605	11	1.9%	8	1.3%
WHOLESALE & RETAIL TRADE	2,869	2,944	3,018	75	2.6%	74	2.5%
WHOLESALE	720	737	754	17	2.4%	18	2.5%
RETAIL	2,150	2,208	2,264	58	2.7%	55	2.5%
FINANCE, INSURANCE & REAL ESTATE	813	836	854	23	2.8%	18	2.2%
SERVICES	3,075	3,229	3,332	154	5.0%	103	3.2%
GOVERNMENT	1,935	1,993	2,028	58	3.0%	36	1.8%

NOTE: F = FORECAST; DETAIL MAY NOT ADD TO TOTALS DUE TO ROUNDING

SOURCE: EMPLOYMENT DATA AND RESEARCH DIVISION, JUNE 1989

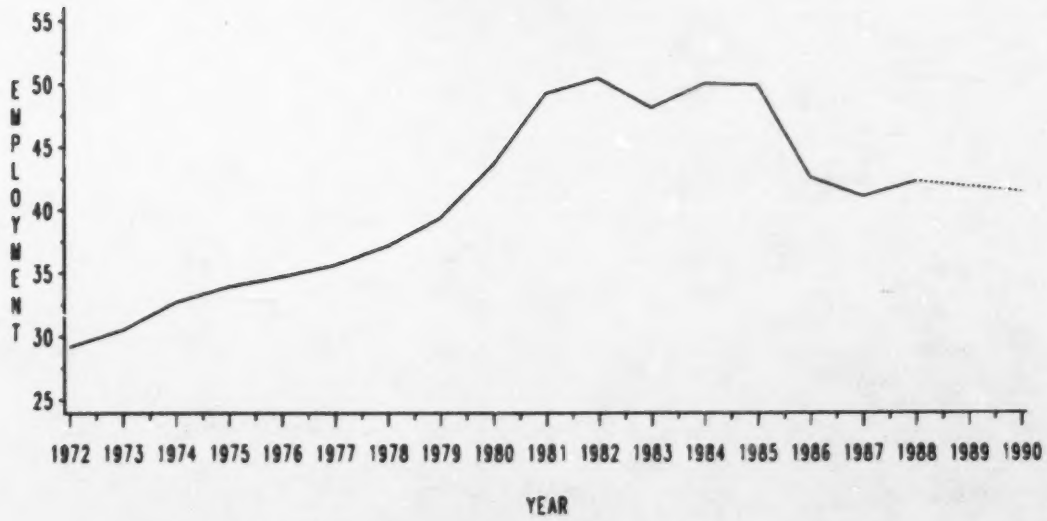
MINING

Reversing a three year trend, mining employment in California increased in 1988 by 2.9 percent, to an annual total of 42,000 jobs. Oil and gas extraction represents, by far, the largest component, as California is a major producer of crude oil and natural gas in the United States. This sector added 1,100 of the total 1,200 new mining sector jobs created in 1988.

Employment in mining is expected to remain nearly constant over the next two years. Fuel mining, which represents over three-quarters of the jobs in this sector, has suffered from the flat demand and a worldwide surplus of crude oil, with little change expected in domestic production. The outlook for mining employment anticipates no significant change in 1989 and 1990, with employment totals of approximately 42,000.

FIGURE 11

MINING EMPLOYMENT
CALIFORNIA 1972-1990
(In thousands)



Source: Employment Data and Research Division

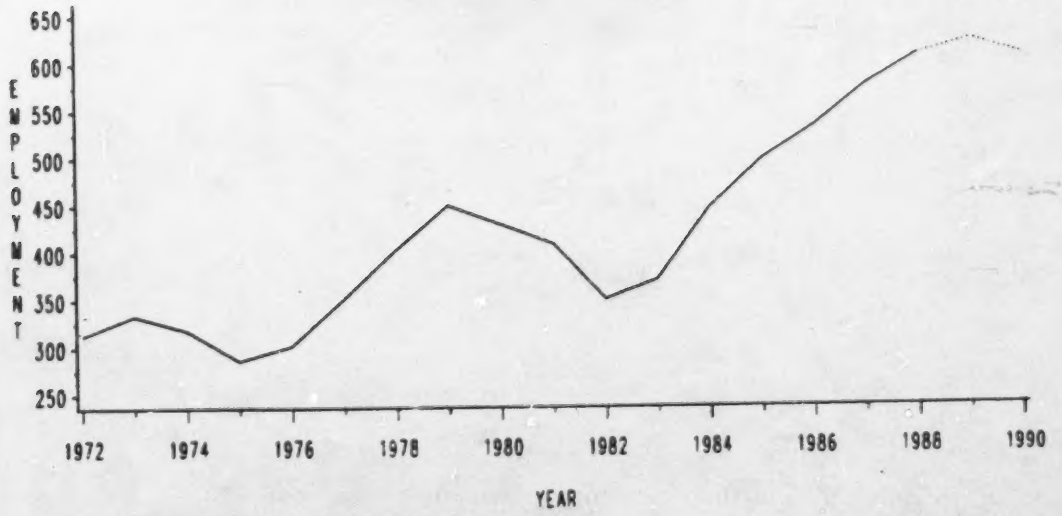
CONSTRUCTION

Driven by residential building, construction employment in 1988 provided an additional 32,400 new jobs in California. This 5.6 percent job growth in construction, albeit healthy, was slower than the 7.0 and 8.2 percent growth rates in 1986 and 1987, respectively. For the first time in the current expansion California lagged behind the balance of the nation in job growth in the construction sector (see Figure 8). Housing construction in California has begun to feel the effects of declining affordability in single-family units and past over-building in multi-family units, while high vacancy rates in office space plague nonresidential construction. The special trade component with the greatest increase added 19,300 jobs, a 5.5 percent increase, while general building contractors and heavy construction employers added an additional 10,900 and 2,200 employees to their payrolls, respectively.

Construction activity is greatly affected by economic expansions and contractions as housing and nonresidential demand is sensitive to changes in the interest rate and personal income. With the expected decline in growth of the California economy, we anticipate construction employment to slow to a slight 2.5 percent growth rate in 1989 and then decline by 2.6 percent in 1990.

FIGURE 12

CONSTRUCTION EMPLOYMENT
CALIFORNIA 1972-1990
(In thousands)



Source: Employment Data and Research Division

MANUFACTURING

Manufacturing employment in California grew at nearly the same rate of 1.9 percent in 1988 as it did in 1987 (1.8 percent). A total of 40,300 new jobs were created in 1988 reaching the annual average total of 2,147,900. The largest sector, durable goods, grew by 1.5 percent with 22,000 jobs, and nondurable goods grew by 2.7 percent adding 18,300 employees to the payrolls.

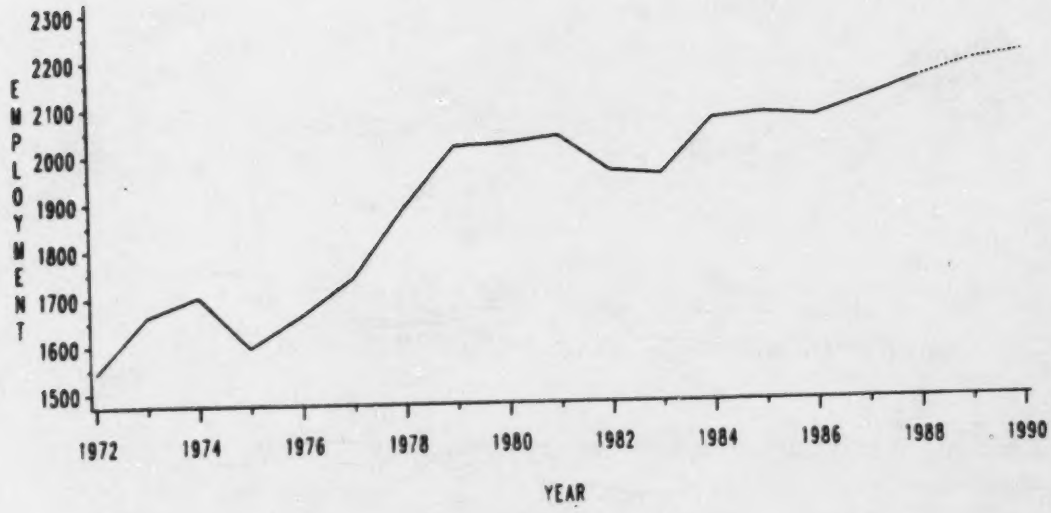
All major nondurable-goods-producing sectors increased employment in 1988 except apparel and other textiles which declined by 500 workers, leather and leather products which lost 500 jobs, and paper and allied products which remained unchanged. The largest absolute change occurred in printing and publishing adding 7,700 new jobs, followed by instruments and related products, which added 4,800 to total employment.

In 1988 all the major durable goods manufacturing sectors increased employment except furniture and fixtures, which lost 900 jobs. Instruments and related goods led durable job growth with an increase of 4,800 jobs while machinery, excluding electrical equipment, added 4,500 jobs in 1988.

The outlook for manufacturing anticipates some slowing in employment growth. Defense procurement spending in California peaked in 1985 and additional reductions are foreseen in 1989 and 1990. Both national and international demand for California's manufactured goods has grown significantly; however, manufacturing employment did not reflect this growth due to increases in labor productivity in these sectors. We expect to see approximately 34,000 new jobs created in the manufacturing sector in 1989, a 1.6 percent increase. Durable goods production will gain 15,000 jobs while nondurable will add 20,000 to payrolls, according to our forecast. In 1990 the slowing is expected to continue, with manufacturing adding only 18,000 new jobs.

FIGURE 13

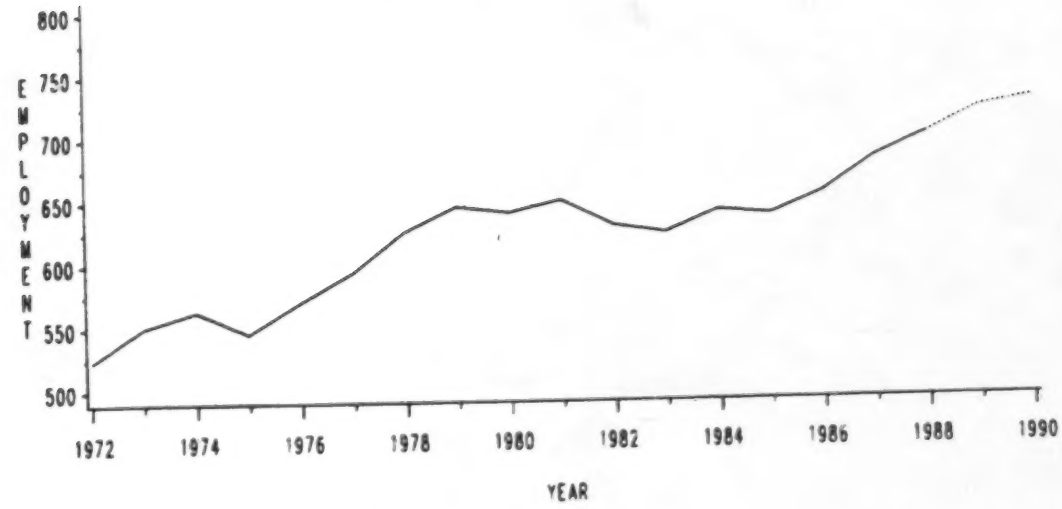
MANUFACTURING EMPLOYMENT
CALIFORNIA 1972-1990
(In thousands)



Source: Employment Data and Research Division

FIGURE 14

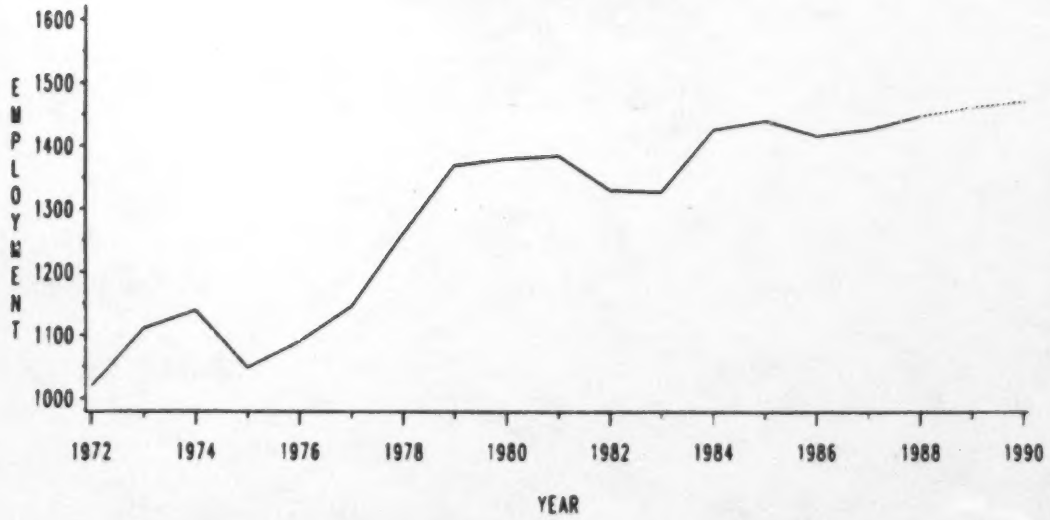
NONDURABLE GOODS MANUFACTURING EMPLOYMENT
CALIFORNIA 1972-1990
(In thousands)



Source: Employment Data and Research Division

FIGURE 15

DURABLE GOODS MANUFACTURING EMPLOYMENT
CALIFORNIA 1972-1990
(In thousands)



Source: Employment Data and Research Division

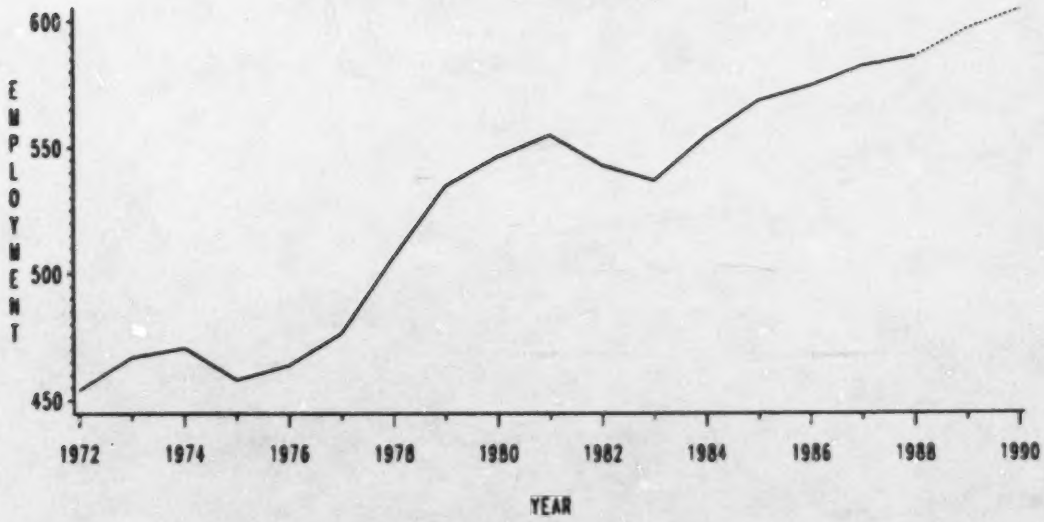
TRANSPORTATION AND PUBLIC UTILITIES

Job growth in transportation and public utilities did not reflect the overall economic growth of the state. A total of 3,800 jobs were added in 1988, less than one percent growth. This meager increase came despite the gain of 11,700 jobs in trucking and warehousing and other transport categories. Job losses occurred in railroad and communications; both sectors together lost 8,000 jobs in 1988. Additionally there was a lack of significant job gains in the electric, gas, and sanitary sector.

We anticipate minor improvement in this sector in 1989 and 1990. Transportation and public utilities jobs will increase by nearly 2 percent in 1989, meaning that 11,000 new jobs are expected, and another 8,000 jobs will be added in 1990, a 1.3 percent gain.

FIGURE 16

TRANSPORTATION AND PUBLIC UTILITIES EMPLOYMENT
CALIFORNIA 1972-1990
(In thousands)



Source: Employment Data and Research Division

WHOLESALE AND RETAIL TRADE

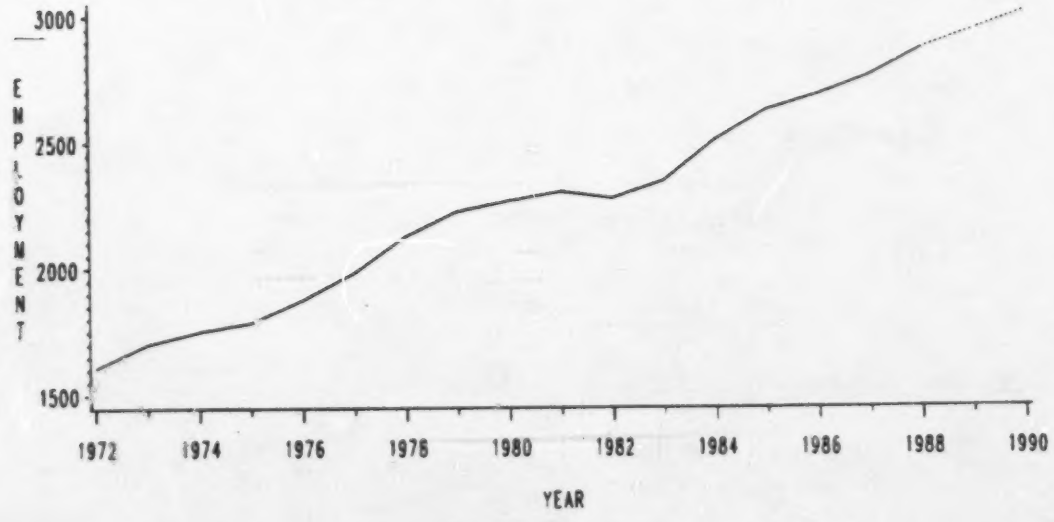
Wholesale and retail trade employers have consistently been second behind the service sector in absolute job growth in California. In 1988 107,900 new trade jobs were added, an increase of nearly 4 percent, which represented over 27 percent of all new jobs created in the state. This job growth is consistent with the increase in sales activity in California over the past year.

The rate of growth in the wholesale sector out-paced retail employment growth, adding 30,300 new jobs, or 4.4 percent. This was a considerable improvement over the 1.3 percent growth rate of wholesale employment in the prior year. Retail trade added 77,600 workers to the payrolls, an increase of nearly 3.8 percent.

In line with the anticipated slowing of the California economy in 1989, the trade sector is expected to grow by slightly more than 2.6 percent, adding 75,000 new jobs. Of this total, 17,000 will be added to the wholesale component and retail will add 58,000 jobs. The rate of job growth in the trade sector is expected to be nearly the same in 1990, 2.5 percent, with a total of 74,000 new trade sector jobs created in 1990.

FIGURE 17

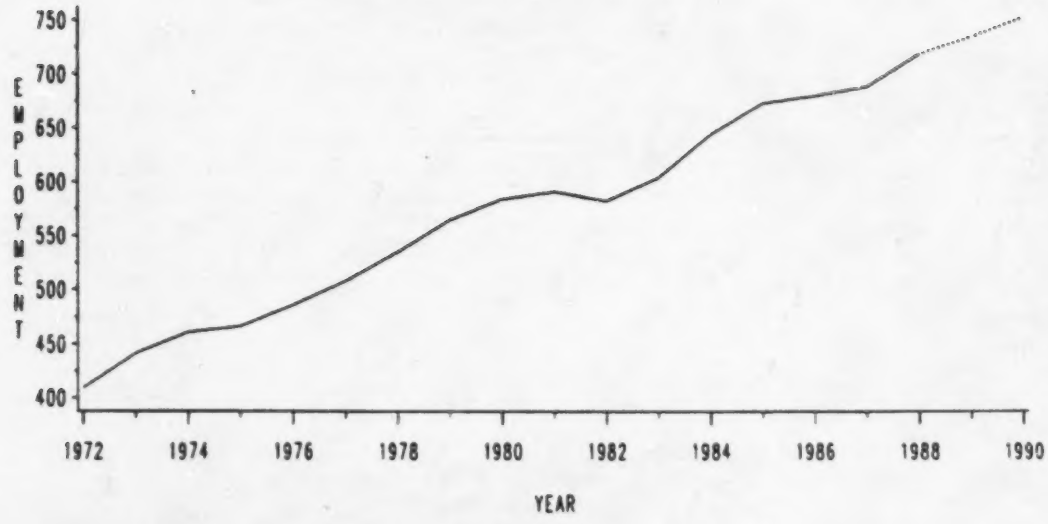
WHOLESALE AND RETAIL TRADE EMPLOYMENT
CALIFORNIA 1972-1990
(In thousands)



Source: Employment Data and Research Division

FIGURE 18

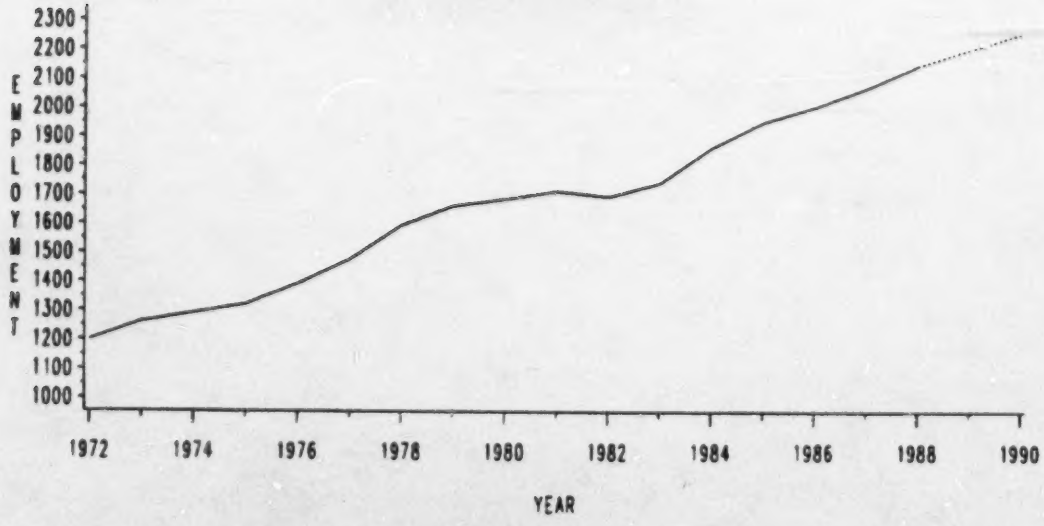
WHOLESALE TRADE EMPLOYMENT
CALIFORNIA 1972-1990
(In thousands)



Source: Employment Data and Research Division

FIGURE 19

RETAIL TRADE EMPLOYMENT
CALIFORNIA 1972-1990
(In thousands)



Source: Employment Data and Research Division

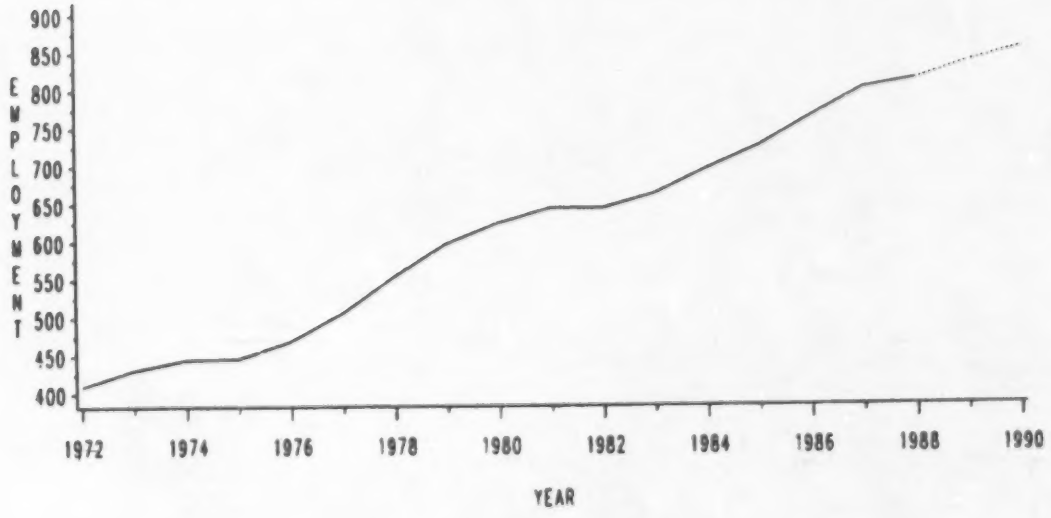
FINANCE, INSURANCE, AND REAL ESTATE

The finance, insurance, and real estate sector advanced by only 1.5 percent in 1988 compared to 4.9 percent in 1987. Problems in the thrift industry, cost-cutting and streamlining in banking, and reductions in investment companies caused a loss of 1,500 jobs in the finance sector. In contrast, this component grew by 4.2 percent in 1987. The largest job growth in both percentage and absolute numbers occurred in real estate, reflecting continued strength in the resale home market in California. Insurance, the second biggest contributor to employment, added 4,200 new jobs in 1988.

Diverse problems cloud the future prospects for growth in this sector over the next two years. Solutions to the savings and loan troubles portend major changes for the finance industry. Also, the effect of Proposition 103 on the insurance industry in California remains a big uncertainty. New and resale housing sales show signs of weakening with higher interest rates and home prices. We anticipate employment growth in this sector to be 2.8 percent in 1989 and 2.2 percent in 1990, adding 23,000 jobs in 1989 and another 18,000 in 1990.

FIGURE 20

FINANCE, INSURANCE, AND REAL ESTATE EMPLOYMENT
CALIFORNIA 1972-1990
(In thousands)



Source: Employment Data and Research Division

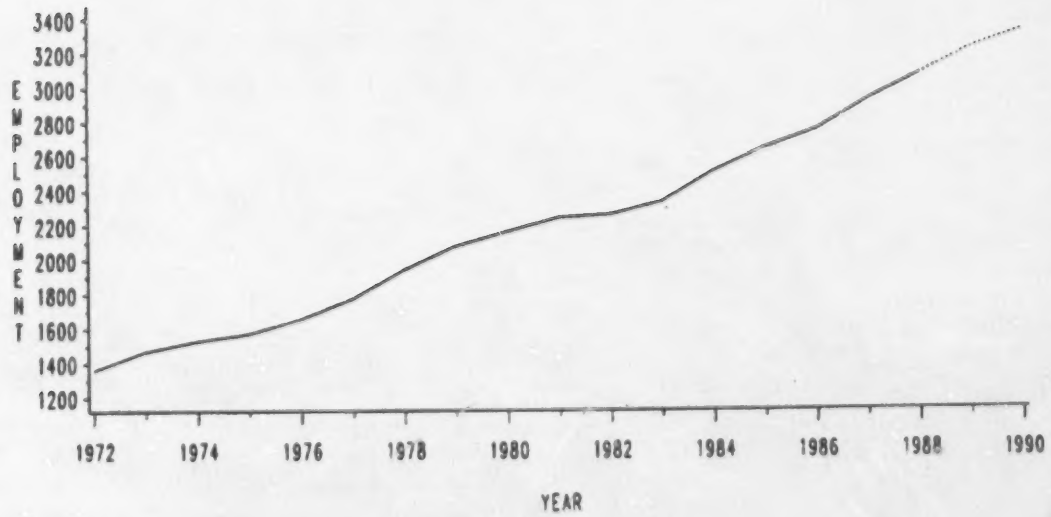
SERVICES

The services sector, which accounted for over 37 percent of all new nonagricultural wage and salary jobs created in 1988, grew by 5.1 percent during the year; this was slightly over one percentage point less than the growth in 1987. Approximately 148,200 new jobs were created in the service industries, with over 57 percent of the growth concentrated in the business services and health services components. The business services component advanced by 8.3 percent with 61,500 new jobs. Health services increased by 3.4 percent or 24,000 jobs. The hotels and other lodging component exhibited a healthy 7.9 percent growth rate, expanding by 13,300 jobs. All other components exhibited increases except the two entertainment groups, motion pictures, and amusement and recreation. Those two components lost 2,600 jobs. Also, the "other" services component, which includes legal services, private schools, colleges, universities, libraries, social services, engineering, and accounting services, grew by 41,500 jobs during the year.

In 1989 the service-related industries are again expected to provide a major share of new jobs in California. This sector should, in terms of numbers of new jobs, rank first in 1989 and 1990. In 1989, we project that over 41 percent of all new jobs will be in services. It is anticipated that this sector will grow by 5.0 percent in 1989 and 3.2 percent in 1990, adding 154,000 and 103,000 new jobs, respectively. Employment levels in this industry are projected to exceed 3,229,000 in 1989 and 3,332,000 in 1990.

FIGURE 21

SERVICES EMPLOYMENT
CALIFORNIA 1972-1990
(In thousands)



Source: Employment Data and Research Division

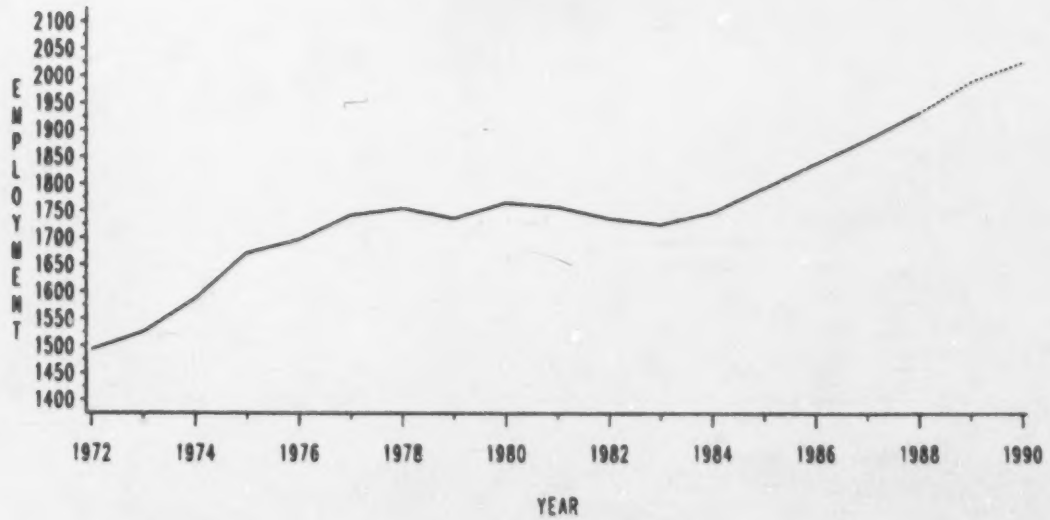
GOVERNMENT

The government sector, as a whole, posted a 2.7 percent gain in 1988 with the addition of 50,800 new jobs. This increase represents the largest absolute and percentage increase in job growth for this sector in this decade. All components in the government sector experienced an increase in employment, although that increase, in some cases, was relatively small. Major gains noted in government employment in 1988 were in the state and local government component, which expanded by 46,300 jobs or 3.0 percent. Of this increase, over 50 percent or 23,500 new jobs, were in education; of the total job growth in education, 5,500 jobs were added in state education and 17,900 jobs were added in local education. Employment in the federal government component in 1988 increased by a modest 1.2 percent or 4,300 jobs.

On both the federal, and the state and local levels, major issues remain unresolved concerning the future of funding government expenditures. On the federal level, requirements of the Gramm-Rudman-Hollings Act mandating gradual reductions in the federal budget deficits have slowed spending and made grants to state and local governments more uncertain. In California the effect of the Gann spending limitation and the Proposition 98 appropriations for education have created some difficult choices for spending priorities. Over the next two years it appears that government spending will not contribute significantly to the California economy. Our forecast calls for an additional 58,000 government jobs created in 1989 and 36,000 created in 1990. It is anticipated that growth will be 3.0 percent in 1989 and 1.8 percent in 1990, slightly less, in percentage terms, than overall job growth in California.

FIGURE 22

GOVERNMENT EMPLOYMENT
CALIFORNIA 1972-1990
(In thousands)



Source: Employment Data and Research Division

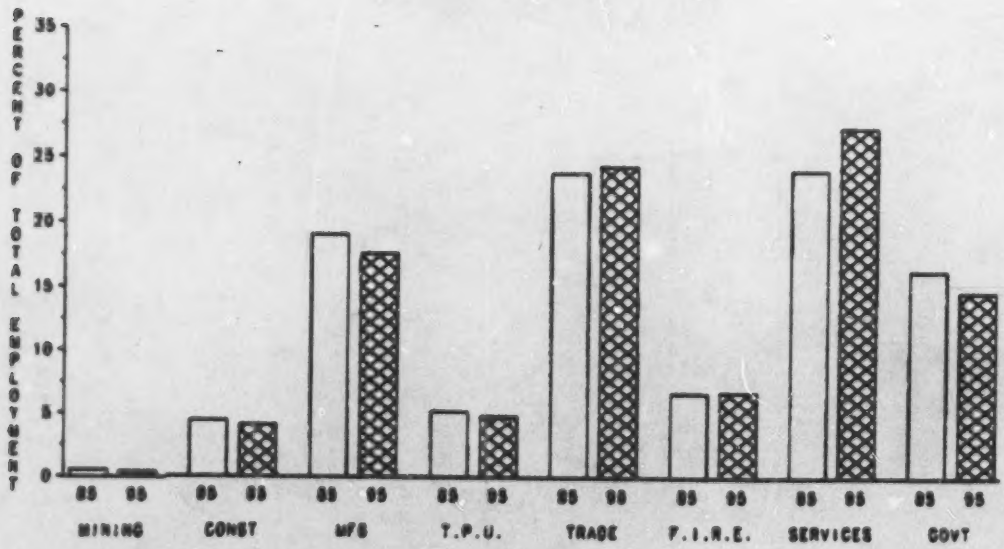
1985-1995 INDUSTRY EMPLOYMENT TRENDS *

Projections of employment by industry are a measure of expectations regarding employment demands and, as such, serve as an important determinant of expectations with respect to the occupational structure of employment over the projection period. It is important to note that the 1995 projections presented in this report are based on industrial employment trends experienced in California between 1972 and 1986. As 1995 is approached, there may be fluctuations in the economy causing the 1995 figures to vary from those projected, but the trends should still be valid. It is these trends, not cyclical fluctuations, that have been estimated.

Table 6 shows that the total employment for California is expected to be 14,172,150 in 1995, an increase of 3,207,250 from 1985, or a 29.3 percent increase over the ten-year period. In this section, as well as in the occupational section, total employment includes wage and salary employment but does not include self-employment or agricultural employment, with the exception of selected agricultural services. A review of differences in the growth rates of the various industrial sectors which comprise the California economy is provided below. Figure 23 in conjunction with Table 6 provides an overview of the dominant trends expected over the projection period. Please note that since the occupational distribution of employment varies significantly between industries, any sharp deviations between expected and actual changes in industrial employment will affect trends in occupational employment discussed in the Occupational Employment Trends section.

FIGURE 23

INDUSTRY PROFILE
CALIFORNIA 1985-1995



Source: Occupational Information Group

* Data are reprinted from last year. New projections will be available in 1990.

TABLE 6

EMPLOYMENT BY MAJOR INDUSTRY
CALIFORNIA
1985–1995

INDUSTRY TITLE	1985 EMPLOYMENT	1985 PERCENT	1995 EMPLOYMENT	1995 PERCENT	NUMERIC CHANGE 1985–95	PERCENT CHANGE 1985–95
TOTAL, ALL INDUSTRIES	10,964,900	100.0%	14,172,150	100.0%	3,207,250	29.3%
MINING	50,510	0.5%	44,710	0.3%	-5,800	-11.5%
CONSTRUCTION	482,260	4.4%	575,020	4.1%	92,760	19.2%
MANUFACTURING, TOTAL	2,089,380	19.1%	2,493,520	17.6%	404,140	19.3%
DURABLE GOODS	1,451,820	13.2%	1,762,770	12.4%	310,950	21.4%
NONDURABLE GOODS	637,560	5.8%	730,750	5.2%	93,190	14.6%
TRANS, COMMUN, & PUBLIC UTILITIES	565,010	5.2%	681,120	4.8%	116,110	20.6%
WHOLESALE & RETAIL TRADE, TOTAL	2,615,310	23.9%	3,451,090	24.4%	835,780	32.0%
WHOLESALE TRADE	670,320	6.1%	880,050	6.2%	209,730	31.3%
RETAIL TRADE	1,944,990	17.7%	2,571,040	18.1%	626,050	32.2%
FINANCE, INSURANCE, & REAL ESTATE	730,140	6.7%	958,210	6.8%	228,070	31.2%
SERVICES	2,637,760	24.1%	3,876,850	27.4%	1,239,090	47.0%
GOVERNMENT	1,794,530	16.4%	2,091,630	14.8%	297,100	16.6%

NOTE: SUM OF DETAIL MAY NOT MATCH TOTAL FOR A PARTICULAR INDUSTRY BECAUSE OF ROUNDING.

SOURCE: OCCUPATIONAL INFORMATION GROUP

The eight major industries are discussed in the remainder of this section. The narrative which follows cites data that are listed in Table 59 in the Appendix.

MINING

Employment in the California mining industry is expected to decline at a rate of 1.2 percent annually from 50,510 in 1985 to 44,710 in 1995 or a decrease of 5,800 jobs. This decline is mainly due to a reduction of 6,090 jobs in the oil and gas extraction component, which has been adversely affected by the worldwide glut in oil supplies and the accompanying softening in oil prices. During 1985 employment in this component accounted for about 83 percent of all mining industry employment.

CONSTRUCTION

Between 1985 and 1995, employment gains in the construction sector are expected to average 1.9 percent annually with an addition of 92,760 new jobs by 1995. This represents 2.9 percent of all new jobs. Of the three major sub-sectors in the construction sector, special trade contracting is projected to lead in terms of relative growth with an average annual growth rate of 2.1 percent, adding 58,880 new jobs. By 1995, employment in special trades contracting is projected to comprise 60.2 percent of all the construction jobs.

Historically, employment in construction has been very sensitive to business cycle fluctuations, particularly with regard to movements in interest rates. During the 1981-82 recession, the construction sector registered large employment declines due to high interest rates and a weak economy. Since that time, it has gradually regained its employment losses and expanded beyond pre-recession levels. Over the projection period, factors expected to positively affect growth in construction employment include population growth with a gradual aging of the population and favorable long term prospects for inflation and interest rates. On the negative side, above average increases in construction costs and growth control measures in growing urban areas could dampen employment growth over this period.

MANUFACTURING

Manufacturing is expected to account for 12.6 percent of the total new employment growth between 1985 and 1995, adding approximately 404,140 new jobs to the State's economy. However, manufacturing's share of the total employment is expected to decline from 19.1 percent of all jobs in 1985 to 17.6 percent by 1995. The reason for this decrease in share of total employment is due to a shift from a goods-based to a services-based economy and to relatively larger productivity gains in the goods-producing industries. Over the projection period, employment in manufacturing is expected to grow at an average annual rate of 1.9 percent, compared to a rate of 2.9 percent for all industries combined.

In 1985, 69.5 percent of all manufacturing jobs were in the durable goods industries and 30.5 percent in nondurable goods industries. Between 1985 and 1995, durable goods industries are expected to grow faster, adding 310,950 new jobs or 76.9 percent of all new manufacturing jobs. Nondurable goods industries will contribute 93,190 new jobs, or 23.1 percent of all manufacturing jobs during the same period.

TRANSPORTATION, COMMUNICATION, AND UTILITIES

During the 1985 to 1995 period, it is anticipated that this sector will expand by 2.1 percent annually, adding approximately 116,110 new jobs to the California economy. This will account for 3.6 percent of the new job growth from all industries combined. However, this sector's share of the total employment is expected to decrease from 5.2 percent in 1985 to 4.8 percent in 1995. This decrease in the share is due to a smaller portion of gross national product (GNP) devoted to transportation at the federal, state, and local levels.

The transportation industry will contribute the greatest share of total employment in the transportation, communication, and utilities sector. It will add 82,980 new jobs at an annual growth rate of 2.6 percent. These new jobs will account for 71.5 percent of all new jobs in this sector. Within the transportation industry, the trucking and warehousing group will generate more than 48.8 percent of all new transportation-related jobs with job increases of 3.1 percent annually, or 40,520 jobs. The railroad industry will continue to decline and will lose 3,810 jobs by 1995.

The communications industry is expected to add 18,100 new jobs during the ten-year period. This will account for 15.6 percent of the new growth in the transportation, communications, and utilities sector. The telephone communications component is expected to lead the expansion in employment by adding 14,060 new jobs, or approximately 77.7 percent of the growth in the communications industry.

Utilities and sanitary services will add 15,030 new jobs to the sector by 1995. This represents almost 13 percent of the new jobs in the sector. Employment growth in utilities and sanitary services will be dominated by electric companies and systems, with slightly less than one-third of the new utility-related jobs.

TRADE

Wholesale and retail trade is projected to be the second largest growing sector in terms of absolute employment growth between 1985 and 1995. During this period, the trade sector is expected to add 835,780 new jobs, which is 26.1 percent of the total employment growth for all industries combined. This represents an annual growth rate of 3.2 percent.

Both the wholesale and retail components of trade are expected to add jobs at comparable rates. Wholesale trade, which made up 25.6 percent of all trade employment in 1985, will account for 25.5 percent of jobs in trade by 1995. Retail trade's share of total trade employment should amount to 74.5 percent by 1995.

Between 1985 and 1995, the wholesale trade group is expected to expand by 3.1 percent annually, for a total increase in jobs of 209,730. Sixty-one percent of these jobs will be in the durable goods component. The machinery, equipment, and supplies component is expected to generate about 27 percent of total new jobs in the wholesale trade group.

The retail trade group will expand at an annual rate of 3.2 percent. Between 1985 and 1995, 626,050 new jobs will be created in this group. The eating and drinking places component will play a dominant role in retail trade, accounting for 42.4 percent of all the new jobs in this retail industry. Other retail trade components expected to perform strongly over the decade include building materials, with a 4.2 percent annual rate of growth, furniture and home furnishings, with a 3.5 percent growth rate, and food stores and miscellaneous retail stores, which are expected to increase at a 3.3 percent annual rate.

FINANCE, INSURANCE, and REAL ESTATE

This sector is expected to experience job growth of 3.1 percent per year over the 1985 to 1995 period, adding 228,070 new jobs by 1995. Within the sector, the credit agencies and real estate industries will contribute the greatest number of new jobs, adding about 57,000 jobs each. The real estate industry will grow at an annual rate of 3.6 percent, while accounting for about 22 percent of this sector's total employment. The credit agencies other than banks are projected to grow at an annual rate of 4.5 percent, increasing their share of sector employment from 17.6 percent in 1985 to 19.5 percent in 1995.

SERVICES

The increasing importance of services-producing industries to both the U.S. and California economies will further strengthen the current leading role of services in contributing new jobs to the California economy. Services industries are expected to grow by 1,239,090 jobs or at an annual growth rate of 4.7 percent, accounting for 38.6 percent of the total growth in all industries over the ten-year period. Leading the services sector in total new job gains will be the business services industry, which includes firms engaged in advertising, mailing, services to dwellings and other buildings, personnel supply, computer and data processing, and miscellaneous business services. It is expected to grow by 429,200 jobs at an annual average rate of 6.7 percent. Other service industries expected to show significant employment gains include health services with a projected increase of 253,730 jobs at an annual rate of 3.9 percent; miscellaneous business services with 118,740 at an annual growth rate of 5.2 percent; and legal services with a gain of 70,860 jobs, or 7.7 percent per year. Other particularly strong service industries include hotel and other lodging places, social services, and educational services which are projected to add 77,900, 62,580, and 47,560 jobs, respectively.

GOVERNMENT

The government sector is expected to be the slowest growing sector in the State's economy (except for mining). Between 1985 and 1995, new jobs in government are expected to grow at an annual rate of less than 1.7 percent, adding about 297,100 new jobs. Efforts to reduce the federal budget deficit as well as continuing efforts to realize greater efficiency in government should result in moderate gains in government employment. Growth in federal government employment is expected to be less than that for both state and local governments in absolute and relative terms. Local government will be the leading contributor to growth in this sector, adding 224,780 new jobs for an annual growth rate of 2 percent. State government will expand by 59,350 jobs or at a 1.8 percent annual growth rate, while the federal government adds only 12,970 jobs over the projection period.

1985–1995 OCCUPATIONAL EMPLOYMENT TRENDS *

The types of occupations in the California economy and the number of jobs in each of them are determined by many factors. Two of the major determinants are the expansion of industry employment due to increases in product demand and changes in the occupational structure of specific industries.

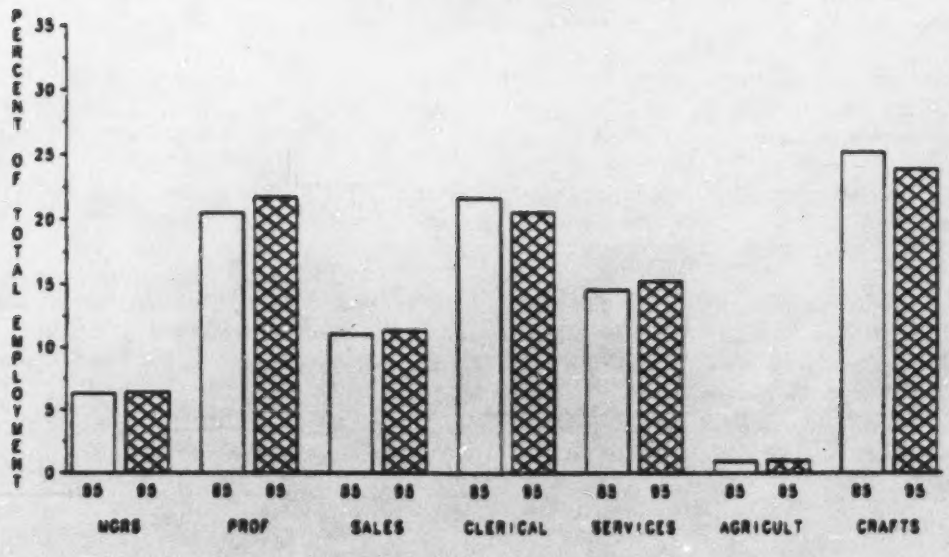
The growth of detailed industries has an effect on growth of occupations because occupations account for different proportions of employment in different industries. Occupations concentrated in high-growth industries will experience greater rates of increase in demand than will occupations concentrated in declining or slower growing industries.

The main causes of occupational structure changes within industries are technological change, changes in business practices and methods of operations, and product demand changes. For example, other things being equal, the adoption of more efficient productive techniques will result in greater shifts in demand for specific occupations than would otherwise be the case.

Figure 24 shows the magnitude of the expected changes in the distribution of employment by occupation for the major occupational groups over the projection period. In this section as well as in the industry section, total employment includes wage and salary employment but does not include self-employment or agricultural employment, with the exception of selected agricultural services. Total employment in the state is expected to reach 14.2 million by 1995.

FIGURE 24

OCCUPATIONAL PROFILE
CALIFORNIA 1985–1995



Source: Occupational Information Group

* Data are reprinted from last year. New projections will be available in 1990.

All major occupational groups will show job growth, with the two largest, the professional, paraprofessional, and technical group and the production, construction, operatives, and material handling group, accounting for close to half of all job growth. In addition to the 3.2 million new job opportunities arising from industry growth, another 3.7 million jobs will become available to replace workers who die, retire, or otherwise leave the labor force. The vast majority of occupations found in the state will offer job opportunities due to both industry growth and separations. However, there are some occupations that may experience a declining demand because of industry change, but still have job openings due to separations.

Between 1985 and 1995 the number of new jobs in California is expected to increase by about 29 percent. As shown in Table 7, five of the seven major occupational groups are expected to increase at an above average rate.

The professional, paraprofessional, and technical workers group will register the fastest increase, just under 37 percent. It is also expected to account for more job growth than any other group and to account for over 824,000 of the 3.2 million jobs expected to be added between 1985 and 1995. Many occupations in this group are expected to grow at a rapid rate, including computer-related specialties, engineering, health specialties, and teaching.

The number of service workers is projected to continue to grow faster than total employment, rising by over 35 percent. Over 564,000 new jobs will be added to this group. Among the occupations expected to show the most rapid growth are medical assistants, home health aides, and social welfare service aides.

The number of sales workers is projected to increase faster than average, rising by a little more than a third. There will be about 400,000 new sales jobs. Retail salespersons and cashiers will register the greatest gains.

Managers and administrative occupations are also expected to increase at a faster than average rate, increasing by 32.5 percent.

Two groups will grow at a rate slower than average. Clerical and administrative workers will be the slowest growing group, growing by only 22.4 percent during the ten-year period. Office automation will account for the slowing of the growth in this group. The production, construction, operating, maintenance, and material handling group will also increase at a fairly slow rate. However, since this is the largest occupational group, it will still be adding over 626,000 new jobs during the projections period.

The seven major occupational groups are discussed separately in the remainder of this section. The narrative which follows includes data that are listed in Tables 7, 8, and 9. For additional detail on occupational employment trends, refer to the Occupational Information Group's publication for California, Projections of Employment 1985-1995.

TABLE 7

EMPLOYMENT BY MAJOR OCCUPATIONAL GROUP
CALIFORNIA
1985–1995

OCCUPATIONAL GROUP	1985 EMPLOYMENT	1985 PERCENT	1995 EMPLOYMENT	1995 PERCENT	OPENINGS DUE TO GROWTH	PERCENT CHANGE 1985–95
TOTAL, ALL OCCUPATIONS	10,964,080	100.0%	14,171,480	100.0%	3,207,400	29.3%
MANAGERS AND ADMIN OCCUPATIONS	687,310	6.3%	910,500	6.4%	223,190	32.5%
PROFESSIONAL, PARAPROF, TECHNICAL	2,245,080	20.5%	3,069,330	21.7%	824,250	36.7%
SALES AND RELATED OCCUPATIONS	1,201,680	11.0%	1,603,900	11.3%	402,220	33.5%
CLERICAL, ADMINISTRATIVE SUPPORT	2,373,020	21.6%	2,904,390	20.5%	531,370	22.4%
SERVICE WORKERS, TOTAL	1,592,840	14.5%	2,157,470	15.2%	564,630	35.4%
PROTECTION SERVICES	198,900	1.8%	256,770	1.8%	57,870	29.1%
FOOD SERVICES	798,650	7.3%	1,113,810	7.9%	315,160	39.5%
HEALTH SERVICES	139,900	1.3%	192,400	1.4%	52,500	37.5%
CLEANING SERVICES	257,330	2.3%	335,880	2.4%	78,550	30.5%
MISCELLANEOUS PERSONAL SERVICES	96,250	0.9%	120,750	0.9%	24,500	25.5%
AGRICULTURAL, FORESTRY, FISHING	103,000	0.9%	138,420	1.0%	35,420	34.4%
PROD, CONST, OPER, MATL HANDLING	2,761,150	25.2%	3,387,470	23.9%	626,320	22.7%

NOTE: SUM OF DETAIL FOR A PARTICULAR OCCUPATIONAL GROUP WILL NOT MATCH TOTAL FOR THAT GROUP BECAUSE SOME SUBGROUPS WERE EXCLUDED.

SOURCE: OCCUPATIONAL INFORMATION GROUP

MANAGERS AND OFFICIALS

The number of managers and officials is expected to grow from 687,310 in 1985 to 910,500 in 1995 for an increase of just under one-third. This is a little faster than the overall forecasted increase of 29.3 percent.

This category includes managers and officials in all industries. In industries with rapidly increasing employment, the number of managers will likely increase at a faster rate than in slower growing industries. Food service and lodging managers, real estate managers, medicine and health service managers, and educational administrators are expected to grow at a rapid rate. Managers in government and in mining will not fare so well. The number of mining, oil, and gas related managers is expected to drop by 7.5 percent in the ten-year period, and postmasters and mail supervisors will show a very modest increase of under ten percent.

PROFESSIONAL, PARAPROFESSIONAL, AND TECHNICAL WORKERS

There are about 200 occupations in the professional, paraprofessional, and technical occupation group. They include management support workers, engineers, architects and surveyors, life, physical, and natural scientists and mathematicians, computer support personnel, teachers, social scientists, lawyers, and health care professionals.

This is the third largest occupational group in the state, accounting for one out of every five wage and salary jobs. Between 1985 and 1995 it is expected to be the fastest growing occupational group, adding close to 825,000 new jobs. More than one-quarter of all new jobs in California will be in the professional, paraprofessional, and technical fields. As shown in the accompanying tables, this category can boast both the fastest growing occupation, paralegal workers, and the occupation expected to post the sixth largest job gain, registered nurses.

Of the fifty occupations with the largest anticipated growth, eleven are in this category. Four of these are in the teaching field. The current baby-boom accounts for this and can be seen in the distribution of the new teachers. The largest percentage gain will be in the pre-school and kindergarten teachers, where an employment increase of 45 percent is projected. The number of elementary school teachers will rise by nearly 40 percent, while secondary school staffs will increase at a much slower rate of just under 24 percent.

Of the ten occupations in the state with the fastest projected growth rate, seven are in this occupational group, and three of these are among the top five. The fastest growing occupation in the state will be paralegals with a growth rate of 122 percent. The second will be computer programmers with an expected 72.9 percent growth rate. The fourth fastest growing occupation in the state is also a professional occupation, lawyers.

It is particularly important when using data from this report on professional occupations to remember that the employment levels include only wage and salary or payroll employment and do not include self-employed workers. Self-employment makes up a large proportion of all jobs in many professional occupations such as physicians or dentists. Consequently, our figures for these types of occupations will be very different from other sources of data which include self-employed individuals.

TABLE 8

FIFTY OCCUPATIONS WITH LARGEST ABSOLUTE GROWTH
CALIFORNIA
1985–1995 •

OCCUPATION	1985	1995	NUMBER OF NEW JOBS	PERCENT CHANGE
SALESPERSONS--RETAIL	409,700	523,470	113,770	27.8%
CASHIERS	211,980	300,800	88,820	41.9%
WAITERS AND WAITRESSES	184,130	262,160	78,030	42.4%
GENERAL MANAGERS, TOP EXECUTIVES	241,310	318,500	77,190	32.0%
GENERAL OFFICE CLERKS	324,880	395,120	70,240	21.6%
REGISTERED NURSES	140,170	207,280	67,110	47.9%
SECRETARIES, NEC	286,190	345,520	59,330	20.7%
BOOKKEEPING, ACCOUNTING CLERKS	241,230	300,150	58,920	24.4%
JANITORS, CLEANERS--EXCEPT MAIDS	170,220	222,340	52,120	30.6%
ACCOUNTANTS AND AUDITORS	99,240	147,180	47,940	48.3%
TEACHERS--ELEMENTARY SCHOOL	117,950	164,670	46,720	39.6%
ELECT AND ELECTRONIC ENGINEERS	82,130	127,500	45,370	55.2%
COMBINED FOOD PREP AND SERVICE	134,960	179,490	44,530	33.0%
SALES REPS, NON-SCIENTIFIC EX RET	107,910	146,800	38,890	36.0%
FOOD PREPARATION WORKERS	99,460	136,620	37,160	37.4%
COMPUTER PROGRAMMERS	50,280	86,940	36,660	72.9%
MAINT REPAIRERS, GENL UTILITY	102,350	137,920	35,570	34.8%
GUARDS AND WATCH GUARDS	81,800	116,390	34,590	42.3%
LAWYERS	42,220	71,470	29,250	69.3%
GARDENERS, GROUNDSKEEPERS-EX FARM	73,530	102,780	29,250	39.8%
TRUCK DRIVERS, LIGHT	89,110	117,460	28,350	31.8%
ELECT, ELECTRONIC ENGINEERING TECH	56,560	83,310	26,750	47.3%
COOKS--RESTAURANT	54,990	81,300	26,310	47.8%
RECEPTIONISTS, INFORMATION CLERKS	86,160	112,160	26,000	30.2%
FINANCIAL MANAGERS	74,580	100,110	25,530	34.2%
NURSE AIDES, ORDERLIES, ATTENDANTS	76,820	102,230	25,410	33.1%
TRUCK DRIVERS, HEAVY	97,160	122,570	25,410	26.2%
STOCK CLERKS--SALES FLOOR	86,320	110,380	24,060	27.9%
MAIDS AND HOUSEKEEPING CLEANERS	59,790	82,010	22,220	37.2%
AUTOMOTIVE MECHANICS	62,920	84,570	21,650	34.4%
SYSTEMS ANALYSTS--ELEC DATA PROC	33,960	55,440	21,480	63.3%
TEACHER AIDES--PARAPROFESSIONAL	79,290	100,220	20,930	26.4%
DINING RM ATTENDANTS, BAR HELPERS	49,590	70,270	20,680	41.7%
ASSEMB, FABRICATORS--EX MACH,ELECT	91,640	111,710	20,070	21.9%
HAND PACKERS AND PACKAGERS	60,120	79,610	19,490	32.4%
COOKS--SPECIALTY FAST FOOD	49,980	69,150	19,170	38.4%
TEACHERS--SECONDARY SCHOOL	80,810	99,760	18,950	23.5%
CARPENTERS	73,900	92,850	18,950	25.6%
LEGAL SECRETARIES	30,020	48,590	18,570	61.9%
TEACHERS--PRESCHOOL AND KINDERGART	39,060	56,680	17,620	45.1%
SALES REPS, SCIENTIFIC--EX RETAIL	41,510	57,550	16,040	38.6%
BARTENDERS	42,220	57,300	15,080	35.7%
LICENSED PRACTICAL NURSES	49,700	64,380	14,680	29.5%
TEACHER AIDES, EDUC ASSTS--CLER	47,860	62,460	14,600	30.5%
TELLERS	56,740	71,310	14,570	25.7%
TRAFFIC, SHIPPING, RECEIVING CLKS	75,270	89,830	14,560	19.3%
MKTING, ADV, PUB-REL MANAGERS	40,720	55,020	14,300	35.1%
SWITCHBOARD OPERATORS	35,950	50,150	14,200	39.5%
COMPUTER OPS--EX PERIPHERAL EQUIP	31,490	45,600	14,110	44.8%
COUNTER ATTENDANTS--FOOD	40,040	54,030	13,990	34.9%

• EXCLUDES "ALL OTHER" CATEGORIES.

SALES AND RELATED WORKERS

Sales and related workers will be among the faster growing occupational groups. The number of sales workers is anticipated to increase by about one-third by 1995.

Two occupations, retail salespersons and cashiers, make up over half of the employment in this category. These two occupations are expected to show the largest job gains of any occupations in the state between 1985 and 1995. Between them, they will account for about six percent of all new wage and salary jobs in the state. In other words, of every seventeen new jobs created in California between 1985 and 1995, one will be for either a retail salesperson or a cashier.

CLERICAL AND ADMINISTRATIVE SUPPORT WORKERS

Clerical and administrative support workers, the second largest occupational group in 1985, is expected to slip to the number three position by 1995. This group will register the smallest percentage gain of any of the occupational groups, (22.4 percent), and is one of only two groups to grow at a rate slower than that of all occupations.

Office automation and technological change will result in actual declines in some occupations. One clerical occupation, stenographer, is expected to be the fastest declining occupation, as well as the occupation to lose the most workers. It will lose 4,000 workers, or over 28 percent of its employment. The number of postal workers is expected to fall by 1,000 workers, and central office operators, a type of telephone switchboard operator, is expected to decline minimally.

Some occupations, however, are expected to show above average growth. This is because of rapid growth rates in the employing industries or as a result of difficulties in automating the duties. Legal secretary is among the fastest growing occupations and is also among the top fifty job gainers. Additionally, the number of hotel desk clerks is expected to expand by over fifty percent, real estate clerks will add 46 percent to their ranks, and the occupations of insurance adjusters and bill collectors will each increase by close to 40 percent.

Lest we get the wrong impression, however, even though the group is growing at a slower pace it is still expected to add more than half a million new jobs in the ten-year period. Many of the occupations in this group are very large. Three of the six occupations in the state with over 200,000 workers in 1985 were clerical jobs. These occupations, general office clerks, secretaries (excluding legal and medical), and bookkeeping and accounting clerks, employed over 890,000 people in 1985 and will employ more than one million by 1995.

TABLE 9

FIFTY FASTEST GROWING OCCUPATIONS
CALIFORNIA
1985–1995 •

OCCUPATION	1985	1995	NUMBER OF NEW JOBS	PERCENT CHANGE
PARALEGAL PERSONNEL	6,880	15,290	8,410	122.2%
COMPUTER PROGRAMMERS	50,280	86,940	36,660	72.9%
DATA PROCESSING EQUIP REPAIRERS	13,190	22,670	9,480	71.9%
LAWYERS	42,220	71,470	29,250	69.3%
COMPUTER PROGRAMMER AIDES	11,630	19,180	7,550	64.9%
SYSTEMS ANALYSTS--ELEC DATA PROC	33,960	55,440	21,480	63.3%
AGRICULTURAL ENGINEERS	2,030	3,300	1,270	62.6%
LEGAL SECRETARIES	30,020	48,590	18,570	61.9%
PODIATRISTS	700	1,130	430	61.4%
LECTURERS	1,430	2,300	870	60.8%
ELECT AND ELECTRONIC ENGINEERS	82,130	127,500	45,370	55.2%
PHYSICAL THERAPISTS	6,130	9,470	3,340	54.5%
DEMONSTRATORS, PROMOTERS, MODELS	4,810	7,430	2,620	54.5%
INSTRUCTORS AND COACHES--SPORTS	15,300	23,580	8,280	54.1%
HOTEL DESK CLERKS	9,090	13,940	4,850	53.4%
MEDICAL ASSISTANTS	17,790	27,170	9,380	52.7%
SOCIAL WELFARE SERVICE AIDES	3,890	5,940	2,050	52.7%
PARKING LOT ATTENDANTS	5,400	8,240	2,840	52.6%
BIOLOGICAL,AGRI, FOOD TECHS	2,060	3,140	1,080	52.4%
EMPL INTERVIEWERS--PRIV OR PUB	5,620	8,550	2,930	52.1%
INSTRUCTORS--NON-VOC EDUCATION	10,000	15,140	5,140	51.4%
INTERVIEW CLERKS--EX PERS, WELFARE	13,390	20,270	6,880	51.4%
HOME HEALTH AIDES	4,260	6,430	2,170	50.9%
MED RECORDS TECHNI AND TECHNOL	3,620	5,460	1,840	50.8%
OCCUPATIONAL THERAPISTS	2,220	3,320	1,100	49.5%
HOUSEKEEPERS	9,500	14,200	4,700	49.5%
LANDSCAPE ARCHITECTS	3,660	5,470	1,810	49.5%
PHYSICAL THERAPY ASSISTANTS	3,810	5,680	1,870	49.1%
CORRESPONDENCE CLERKS	2,120	3,160	1,040	49.1%
AGRICULTURAL AND FOOD SCIENTISTS	1,820	2,710	890	48.9%
VETS AND VETERINARY INSPECTORS	6,730	10,020	3,290	48.9%
SURVEYING AND MAPPING TECHS	5,070	7,540	2,470	48.7%
ECONOMISTS--INCL MKT RESRCH ANALYS	2,450	3,640	1,190	48.6%
ACCOUNTANTS AND AUDITORS	99,240	147,180	47,940	48.3%
SALES AGENTS--REAL ESTATE	11,370	16,860	5,490	48.3%
BIOLOGICAL SCIENTISTS	4,580	6,790	2,210	48.3%
REGISTERED NURSES	140,170	207,280	67,110	47.9%
COOKS--RESTAURANT	54,990	81,300	26,310	47.8%
BROKERS--REAL ESTATE	5,120	7,550	2,430	47.5%
PUB REL SPECS, PUBLICITY WRITERS	7,520	11,080	3,560	47.3%
ELECT, ELECTRONIC ENGINEERING TECH	56,560	83,310	26,750	47.3%
DESIGNERS--EX INTERIOR DESIGNERS	15,380	22,630	7,250	47.1%
MAIL MACH OPS--PREP AND HANDLING	3,450	5,070	1,620	47.0%
DATA KEYERS--COMPOSING	2,710	3,980	1,270	46.9%
ARTISTS AND RELATED WORKERS	8,590	12,590	4,000	46.6%
HOSTS, HOSTESSES--RESTAURANTS	21,660	31,680	10,020	46.3%
TECHNICAL WRITERS	4,650	6,770	2,120	45.6%
REAL ESTATE CLERKS	1,320	1,920	600	45.5%
TEACHERS--PRESCHOOL AND KINDERGART	39,060	56,680	17,620	45.1%
COMPUTER OPS--EX PERIPHERAL EQUIP	31,490	45,600	14,110	44.8%

• EXCLUDES "ALL OTHER" CATEGORIES AND OCCUPATIONS WITH EMPLOYMENT OF LESS THAN 1000 IN 1985.

SERVICE OCCUPATIONS

Services occupations were the fourth largest group of occupations in 1985 and are expected to remain there in 1995. It will be the second fastest growing occupational group with a growth rate of over 35 percent and will register the third largest increase, adding almost 565,000 workers.

Five occupations in this group will each grow by around fifty percent during the ten year period. They are as follows: medical assistants, social welfare aides, home health aides, housekeepers, and physical therapy assistants.

Services is divided into five major categories. Each will be covered separately in this narrative.

Protection Services

The protection services group is expected to increase at a rate of 29.1 and will employ over 256,700 workers by 1995. One occupation, guard, accounts for over 40 percent of the employment in this group and is expected to grow at a faster than average rate. By 1995 there will be over 116,000 guards in the state.

Food Services

Food services, the largest group in services, is expected to increase at the fastest rate, about 40 percent. Waiters and waitresses is the largest occupation in this group with over 184,000 jobs in 1985. It is anticipated that waiters and waitresses will show the third largest increase of all occupations in the state, adding over 78,000 new jobs by 1995. It will be one of only seven occupations employing more than a quarter of a million people.

Other food services jobs that are expected to increase by large numbers are restaurant and fast food cooks, combination food preparers and servers, food preparation workers, dining room attendants, and bartenders.

Health Services

Health services occupations are forecasted to increase by 37.5 percent in the ten year period. Medical assistants will be the fastest growing occupation in the group, adding 52.7 percent more workers. Authors writing about national occupational projections feel that this expected increase in medical assistants is caused by the growing acceptance of these workers as a cost-effective way to provide both clinical and clerical support to physicians and other health professionals. In California, home health aides are expected to increase by about 51 percent. Home health aides are expected to grow due to a number of factors, mainly a growing elderly population and a continuing trend to provide medical care outside of the hospital setting. Physical therapy assistants will also increase at a rapid rate.

Cleaning Services

Cleaning services workers, except private household, are expected to grow at about the same rate as the total for all occupations. Even though it is only increasing at an average rate, janitors, a very large occupation with over 170,000 workers in 1985, will add over 50,000 workers by 1995 to reach an employment total of over 222,000 jobs.

Miscellaneous Personal Services

The miscellaneous personal services category includes barbers, hairdressers, manicurists, flight attendants, recreation and amusement workers, and baggage porters and bellhops, as well as other categories. With the exception of baggage porters and bellhops and amusement and recreation attendants, these occupations which are listed are expected to expand at a slower than average rate. Barbers, in fact, are expected to show a slight decline.

AGRICULTURAL, FORESTRY, AND FISHING

This report does not include industry projections for most of agriculture. Only a small portion, including veterinary services, other animal services, and landscape and horticultural services, is covered.

Gardeners and groundskeepers make up over 70 percent of this occupational category. It is anticipated that this occupation will grow faster than average, adding close to 30,000 jobs in the ten-year time span.

PRODUCTION, CONSTRUCTION, OPERATING, MAINTENANCE, AND MATERIAL HANDLING

This broad occupational group, which includes about 350 different occupations, is the largest of the occupational groups. Statewide, one in four workers was employed in a production, construction, operating, maintenance, or material handling occupation. This group is expected to increase slower than the average rate, by 23 percent between 1985 and 1995. Employment will increase from 2.8 million in 1985 to 3.4 million in 1995 for a gain of 625,000.

Blue collar worker supervisors are expected to increase by 18.1 percent and amount to about 200,000 workers by 1995.

The number of jobs for mechanics, installers, and repairers is expected to increase by over 28 percent, close to the average for all occupations. Employment in these occupations will increase to over 127,000 by 1995. The occupation of maintenance repairer, general utility, which is an all-round maintenance repairer, is expected to register the largest increase, rising by about 35,600 jobs to reach an employment level of 138,000. Automotive mechanics will show the second largest gain, adding nearly 22,000 new jobs.

Construction trades occupations are expected to expand at a slower than average rate of about 22 percent between 1985 and 1995, adding about 66,000 new jobs. Carpenters, the largest occupation in the category, is expected to increase by one-fourth in the ten-year period, adding close to 20,000 employees. Electricians is the second largest occupation in the category with a projected 1995 employment of about 53,000 jobs.

The precision production occupations category is projected to increase by about 22 percent during the forecast period. One of the fastest growing occupations in the category is cabinetmaker and bench carpenters with anticipated growth of over 36 percent. Machinists, the largest occupation in the category, is expected to grow at a slow rate of only 20 percent, but this is much faster than the national projection for the same time period.

The machine setters, set-up, operators, and tenders category is expected to increase at 18.6 percent. Sewing machine operators, garment and non-garment, are the two biggest occupations in the category. Together they will employ over 81,000 workers by 1995. Despite the impact of technology and foreign imports, they are expected to increase by close to 20 percent during the ten-year period. Two printing occupations, photoengraving and lithographic photographers and offset lithographic printers, are expected to grow at an above average rate.

Hand assemblers and fabricators are expected to grow by about 20 percent. Precision assemblers who work in high tech industries such as electronics, aircraft, and machine tools, are expected to increase at a slower rate than non-precision hand workers.

In the transportation and material moving machine operators category, the largest occupation is truck driver. Both light and heavy truck drivers are among the fifty occupations with the largest job growth. The number of light truck drivers is expected to increase by over 28,000 by 1995 for an increase of nearly one-third. Heavy truck drivers will add over 25,000 jobs by 1995 for an increase of just over one-fourth.

The projected 16 percent decline in the railroad industry will result in an employment decline in railroad occupations. Water transportation occupations will increase by only about 17 percent, and occupations in air transportation will increase at an average rate.

Occupations in the helpers, laborers, and hand material movers category are expected to grow at a slightly slower than average rate.

APPENDIX:

STATISTICAL TABLES

TABLE 10

LABOR FORCE AND EMPLOYMENT, NOT SEASONALLY ADJUSTED
UNITED STATES 1970–1988
(NUMBERS IN THOUSANDS)

UNITED STATES LABOR FORCE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	80719	81283	81689	81960	81758	84087	84857	84191	82641	83288	83478	83301	82771
1971	82818	82885	82866	83116	83344	85228	85296	85984	84456	84974	85374	85255	84382
1972	84940	85180	85828	85759	86028	88540	89127	88894	87242	87741	87548	87593	87034
1973	86327	87303	87961	88127	88238	91124	91655	90888	89782	90547	90690	90520	89429
1974	89924	90273	90486	90366	90830	93481	94238	93446	92449	92909	92638	92368	91949
1975	92200	91972	92464	92459	92888	95174	96052	95525	94023	94510	94041	93965	93775
1976	93938	94075	94400	94782	94925	97499	98605	98133	96430	96999	97116	97004	96158
1977	96197	96837	97277	97352	97755	100743	100960	100744	99367	100144	100522	100213	99009
1978	99664	99641	100166	100610	101092	104010	104512	103946	102748	103474	103586	103565	102251
1979	102802	103185	103606	103198	103476	106210	107096	106489	105510	106084	105871	106048	104962
1980	105344	105412	105510	105592	106233	108311	109268	108404	106989	107673	107532	107009	106940
1981	106885	107015	107634	107906	108586	109904	110742	110099	108273	109244	109179	108574	108670
1982	108014	108324	108761	108814	109914	111569	112526	111887	110546	110767	110855	110477	110204
1983	109779	109647	109873	109875	110308	113383	113980	113578	112197	112042	112147	111795	111550
1984	111025	111368	111828	112152	113251	115393	116198	115076	113843	114250	114115	114028	113544
1985	113475	113592	114394	114325	114890	116572	117536	116679	115850	116346	116097	115780	115461
1986	115431	115725	116309	116317	117199	119644	120303	119471	118244	118699	118623	118049	117834
1987	117703	117967	118353	118347	119695	121153	122105	121614	119884	120744	120611	120206	119865
1988	119742	119942	119957	120264	120775	123028	123888	123396	121842	122432	122639	122120	121669

UNITED STATES EMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	77313	77489	77957	78408	78374	79416	80343	79965	78341	79019	78860	78651	78678
1971	77389	77427	77675	78404	78929	79717	80942	80897	79589	80375	80527	80527	79367
1972	79459	79734	80578	81027	81846	83073	83911	83993	82537	83223	83231	83424	82153
1973	81598	82405	83397	83900	84383	86217	87042	86616	85552	86717	86562	86390	85064
1974	84843	85061	85659	85994	86611	88022	88897	88479	87162	87779	86863	86169	86794
1975	83928	83573	84018	84551	85173	86507	87742	87726	86399	87168	86700	86689	85846
1976	85652	85932	86769	87786	88510	89727	90908	90690	89281	90041	89892	89850	88752
1977	88217	88601	89597	90660	91475	93154	93879	93848	92788	93779	94027	94183	92017
1978	92616	92755	93545	94783	95486	97530	97917	97855	96790	97851	97788	97669	96048
1979	96201	96536	97282	97478	98057	99800	100814	100174	99533	100128	99907	100013	98824
1980	98111	98235	98527	98569	98732	99830	100665	100202	99334	99999	99850	99579	99303
1981	98139	98401	99364	100345	100855	101419	102612	102152	100389	101028	100502	99562	100397
1982	97831	97946	98471	98858	99957	100683	101490	101177	99851	99825	99379	98849	99526
1983	97262	97265	97994	98840	99543	101813	103273	103167	102366	102659	103018	102803	100834
1984	101270	101961	102770	103628	105096	106812	107484	106694	105792	106262	106246	106049	105005
1985	104344	104690	105768	106175	106880	107819	108854	108628	107867	108428	108282	108063	107150
1986	106959	106685	107643	108201	109041	110869	111832	111515	110229	110857	110751	110588	109597
1987	109884	109464	110229	111041	112377	113498	114652	114527	113027	113898	113809	113679	112440
1988	112139	112460	112867	113905	114222	116209	117066	116737	115474	116250	116314	115978	114968

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 11

UNEMPLOYMENT AND UNEMPLOYMENT RATE, NOT SEASONALLY ADJUSTED
UNITED STATES 1970-1988
(NUMBERS IN THOUSANDS)

UNITED STATES UNEMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	3406	3794	3732	3552	3385	4671	4514	4226	4300	4269	4618	4650	4093
1971	5429	5458	5190	4712	4415	5511	5354	5086	4867	4599	4846	4728	5016
1972	5481	5446	5250	4732	4382	5467	5218	4901	4705	4518	4317	4169	4882
1973	4730	4898	4564	4227	3855	4907	4613	4273	4230	3830	4127	4130	4365
1974	5081	5212	4826	4372	4219	5459	5341	4967	5287	5131	5775	6199	5156
1975	8272	8399	8446	7908	7715	8667	8311	7799	7624	7350	7341	7307	7929
1976	8286	8143	7631	6996	6415	7772	7697	7443	7148	6958	7224	7154	7406
1977	7980	8237	7680	6692	6280	7589	7081	6897	6579	6365	6495	6031	6991
1978	7048	6886	6621	5826	5605	6481	6597	6090	5958	5624	5797	5896	6202
1979	6602	6649	6325	5720	5419	6409	6282	6315	5978	5964	5964	6027	6137
1980	7234	7177	6983	7023	7501	8481	8603	8202	7655	7674	7782	7430	7637
1981	8746	8614	8271	7561	7731	8485	8130	7947	7884	8216	8676	9013	8273
1982	10183	10378	10290	9957	9957	10886	11036	10710	10695	10942	11476	11628	10678
1983	12517	12382	11879	11035	10765	11570	10707	10411	9830	9383	9129	8992	10717
1984	9755	9407	9057	8525	8155	8582	8714	8382	8051	7989	7869	7978	8539
1985	9131	8902	8625	8150	8011	8753	8682	8051	7984	7917	7815	7717	8312
1986	8472	9041	8667	8115	8158	8775	8471	7955	8015	7842	7872	7461	8237
1987	8620	8503	8124	7306	7318	7655	7453	7088	6857	6845	6802	6526	7425
1988	7603	7482	7090	6359	6553	6819	6823	6659	6368	6182	6325	6142	6701

UNITED STATES UNEMPLOYMENT RATE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	4.2	4.7	4.6	4.3	4.1	5.6	5.3	5.0	5.2	5.1	5.5	5.6	4.9
1971	6.6	6.6	6.3	5.7	5.3	6.5	6.2	5.9	5.8	5.4	5.7	5.5	5.9
1972	6.5	6.4	6.1	5.5	5.1	6.4	5.9	5.5	5.4	5.1	4.9	4.8	5.6
1973	5.5	5.6	5.2	4.8	4.4	5.4	5.0	4.7	4.7	4.2	4.6	4.6	4.9
1974	5.7	5.8	5.3	4.8	4.6	5.8	5.7	5.3	5.7	5.5	6.2	6.7	5.6
1975	9.0	9.1	9.1	8.6	8.3	9.1	8.7	8.2	8.1	7.8	7.8	7.8	8.5
1976	8.8	8.7	8.1	7.4	6.8	8.0	7.8	7.6	7.4	7.2	7.4	7.4	7.7
1977	8.3	8.5	7.9	6.9	6.4	7.5	7.0	6.8	6.6	6.4	6.5	6.0	7.1
1978	7.1	6.9	6.6	5.8	5.5	6.2	6.3	5.9	5.8	5.4	5.6	5.7	6.1
1979	6.4	6.4	6.1	5.5	5.2	6.0	5.9	5.9	5.7	5.6	5.6	5.7	5.8
1980	6.9	6.8	6.6	6.7	7.1	7.8	7.9	7.6	7.2	7.1	7.1	6.9	7.1
1981	8.2	8.0	7.7	7.0	7.1	7.7	7.3	7.2	7.3	7.5	7.9	8.3	7.6
1982	9.4	9.6	9.5	9.2	9.1	9.8	9.8	9.6	9.7	9.9	10.4	10.5	9.7
1983	11.4	11.3	10.8	10.0	9.8	10.2	9.4	9.2	8.8	8.4	8.1	8.0	9.6
1984	8.8	8.4	8.1	7.6	7.2	7.4	7.5	7.3	7.1	7.0	6.9	7.0	7.5
1985	8.0	7.8	7.5	7.1	7.0	7.5	7.4	6.9	6.9	6.8	6.7	6.7	7.2
1986	7.3	7.8	7.5	7.0	7.0	7.3	7.0	6.7	6.8	6.6	6.6	6.3	7.0
1987	7.3	7.2	6.9	6.2	6.1	6.3	6.1	5.8	5.7	5.7	5.6	5.4	6.2
1988	6.3	6.2	5.9	5.3	5.4	5.5	5.5	5.4	5.2	5.0	5.2	5.0	5.5

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 12

LABOR FORCE AND EMPLOYMENT, SEASONALLY ADJUSTED
UNITED STATES 1970–1988
(NUMBERS IN THOUSANDS)

UNITED STATES LABOR FORCE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	81981	82151	82498	82727	82483	82484	82901	82880	82954	83276	83548	83670	NA
1971	83850	83603	83575	83946	84135	83706	84340	84673	84731	84872	85458	85625	NA
1972	85978	86036	86611	86614	86809	87006	87143	87517	87302	87491	87592	87943	NA
1973	87467	88364	88846	89018	88977	89548	89604	89509	89838	90131	90716	90890	NA
1974	91199	91485	91453	91287	91596	91868	92212	92059	92488	92518	92766	92780	NA
1975	93128	92776	93165	93399	93884	93575	94021	94162	94202	94267	94250	94409	NA
1976	94934	94998	95215	95746	95847	95885	96583	96741	96553	96704	97254	97348	NA
1977	97208	97785	98115	98330	98665	99093	98913	99366	99453	99815	100576	100491	NA
1978	100873	100837	101092	101574	101896	102371	102399	102511	102795	103080	103562	103809	NA
1979	104057	104502	104589	104172	104171	104638	105002	105096	105530	105700	105812	106258	NA
1980	106562	106697	106442	106591	106929	106780	107159	107105	107098	107405	107568	107352	NA
1981	108026	108242	108553	108925	109222	108396	108556	108725	108294	109024	109236	108912	NA
1982	109089	109467	109567	109820	110451	110081	110342	110514	110721	110744	111050	111083	NA
1983	110695	110634	110587	110828	110796	111879	111756	112231	112298	111926	112228	112327	NA
1984	112209	112615	112713	113098	113649	113817	113972	113682	113857	114019	114170	114581	NA
1985	114727	114859	115314	115322	115286	115024	115313	115283	115901	116100	116127	116323	NA
1986	116687	116875	117194	117341	117613	118132	118124	118110	118381	118454	118623	118567	NA
1987	118873	119119	119263	119394	120102	119647	119884	120245	120008	120429	120527	120701	NA
1988	121035	121165	120936	121328	121203	121524	121658	122000	121984	122091	122510	122563	NA

UNITED STATES EMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	78780	78698	78863	78930	78564	78413	78726	78624	78498	78685	78650	78594	NA
1971	78864	78700	78588	78987	79139	78757	79305	79539	79689	79918	80297	80471	NA
1972	80959	81108	81573	81655	81887	82083	82230	82578	82543	82616	82990	83400	NA
1973	83161	83912	84452	84559	84648	85185	85299	85204	85488	85987	86320	86401	NA
1974	86555	86754	86819	86669	86891	86941	87149	87037	87051	86995	86626	86144	NA
1975	85627	85256	85187	85189	85451	85355	85894	86234	86279	86370	86456	86665	NA
1976	87400	87672	87985	88416	88794	88563	89093	89223	89173	89274	89634	89803	NA
1977	89928	90342	90808	91271	91754	91959	92084	92441	92702	93052	93761	94105	NA
1978	94384	94519	94755	95394	95769	96343	96090	96431	96670	97133	97485	97581	NA
1979	97948	98329	98480	98103	98331	98679	99006	98776	99340	99404	99574	99933	NA
1980	99879	99995	99713	99233	98945	98682	98796	98824	99077	99317	99545	99634	NA
1981	99955	100191	100571	101056	101048	100298	100693	100689	100064	100378	100207	99645	NA
1982	99692	99762	99672	99576	100116	99543	99493	99633	99504	99215	99112	99032	NA
1983	99161	99089	99179	99560	99642	100633	101208	101608	102016	102039	102729	102996	NA
1984	103201	103824	103967	104336	105193	105591	105435	105163	105490	105638	105972	106293	NA
1985	106285	106548	106980	106919	106985	106592	106813	107111	107641	107793	107981	108[illegible]	NA
1986	108879	108477	108847	108943	109170	109657	109828	110016	110058	110202	110425	110[illegible]	NA
1987	110969	111271	111459	111789	112524	112287	112613	113019	112896	113225	113460	113[illegible]	NA
1988	114055	114273	114129	114660	114403	115001	115034	115203	115370	115573	115947	116009	NA

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 13

UNEMPLOYMENT AND UNEMPLOYMENT RATE, SEASONALLY ADJUSTED
UNITED STATES 1970-1988
(NUMBERS IN THOUSANDS)

UNITED STATES UNEMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	3201	3453	3635	3797	3919	4071	4175	4256	4456	4591	4898	5076	NA
1971	4986	4903	4987	4959	4996	4949	5035	5134	5042	4954	5161	5154	NA
1972	5019	4928	5038	4959	4922	4923	4913	4939	4849	4875	4602	4543	NA
1973	4326	4452	4394	4459	4329	4363	4305	4305	4350	4144	4396	4489	NA
1974	4644	4731	4634	4618	4705	4927	5063	5022	5437	5523	6140	6636	NA
1975	7501	7520	7978	8210	8433	8220	8127	7928	7923	7897	7794	7744	NA
1976	7534	7326	7230	7330	7053	7322	7490	7518	7380	7430	7620	7545	NA
1977	7280	7443	7307	7059	6911	7134	6829	6925	6751	6763	6815	6386	NA
1978	6489	6318	6337	6180	6127	6028	6309	6080	6125	5947	6077	6228	NA
1979	6109	6173	6109	6069	5840	5959	5996	6320	6190	6296	6238	6325	NA
1980	6683	6702	6729	7358	7984	8098	8363	8281	8021	8088	8023	7718	NA
1981	8071	8051	7982	7869	8174	8098	7863	8036	8230	8646	9029	9267	NA
1982	9397	9705	9895	10244	10335	10538	10849	10881	11217	11529	11938	12051	NA
1983	11534	11545	11408	11268	11154	11246	10548	10623	10282	9887	9499	9331	NA
1984	9008	8791	8746	8762	8456	8226	8537	8519	8367	8381	8198	8358	NA
1985	8442	8311	8334	8403	8301	8432	8500	8172	8260	8307	8146	8154	NA
1986	7808	8398	8347	8398	8443	8475	8298	8094	8323	8252	8198	7911	NA
1987	7904	7848	7804	7605	7578	7360	7271	7226	7112	7204	7067	6961	NA
1988	6980	6892	6807	6668	6800	6523	6624	6797	6614	6518	6563	6554	NA

UNITED STATES UNEMPLOYMENT RATE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	3.9	4.2	4.4	4.6	4.8	4.9	5.0	5.1	5.4	5.5	5.9	6.1	NA
1971	5.9	5.9	6.0	5.9	5.9	5.9	6.0	6.1	6.0	5.8	6.0	6.0	NA
1972	5.8	5.7	5.8	5.7	5.7	5.7	5.6	5.6	5.5	5.6	5.3	5.2	NA
1973	4.9	5.0	4.9	5.0	4.9	4.9	4.8	4.8	4.8	4.6	4.8	4.9	NA
1974	5.1	5.2	5.1	5.1	5.1	5.4	5.5	5.5	5.9	6.0	6.6	7.2	NA
1975	8.1	8.1	8.6	8.8	9.0	8.8	8.6	8.4	8.4	8.4	8.3	8.2	NA
1976	7.9	7.7	7.6	7.7	7.4	7.8	7.8	7.8	7.6	7.7	7.8	7.8	NA
1977	7.5	7.6	7.4	7.2	7.0	7.2	6.9	7.0	6.8	6.8	6.8	6.4	NA
1978	6.4	6.3	6.3	6.1	6.0	5.9	6.2	5.9	6.0	5.8	5.9	6.0	NA
1979	5.9	5.9	5.8	5.8	5.6	5.7	5.7	6.0	5.9	6.0	5.9	6.0	NA
1980	6.3	6.3	6.3	6.9	7.5	7.6	7.8	7.7	7.5	7.5	7.5	7.2	NA
1981	7.5	7.4	7.4	7.2	7.5	7.5	7.2	7.4	7.6	7.9	8.3	8.5	NA
1982	8.6	8.9	9.0	9.3	9.4	9.6	9.8	9.8	10.1	10.4	10.8	10.8	NA
1983	10.4	10.4	10.3	10.2	10.1	10.1	9.4	9.5	9.2	8.8	8.5	8.3	NA
1984	8.0	7.8	7.8	7.7	7.4	7.2	7.5	7.5	7.3	7.4	7.2	7.3	NA
1985	7.4	7.2	7.2	7.3	7.2	7.3	7.4	7.1	7.1	7.2	7.0	7.0	NA
1986	6.7	7.2	7.1	7.2	7.2	7.2	7.0	6.9	7.0	7.0	6.9	6.7	NA
1987	6.6	6.6	6.5	6.4	6.3	6.2	6.1	6.0	5.9	6.0	5.9	5.8	NA
1988	5.8	5.7	5.6	5.5	5.6	5.4	5.4	5.6	5.4	5.3	5.4	5.3	NA

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 14

LABOR FORCE AND EMPLOYMENT, NOT SEASONALLY ADJUSTED
CALIFORNIA 1970–1988
(NUMBERS IN THOUSANDS)

CALIFORNIA LABOR FORCE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	8059	8088	8055	8132	8060	8212	8399	8300	8120	8192	8237	8153	8167
1971	8217	8257	8283	8363	8417	8385	8692	8677	8396	8379	8361	8412	8407
1972	8444	8435	8531	8547	8529	8788	8870	8825	8638	8767	8747	8771	8653
1973	8674	8714	8667	8640	8665	8838	9058	9086	9093	9186	9170	9154	8910
1974	9083	9153	9194	9100	9201	9358	9565	9507	9415	9423	9401	9409	9317
1975	9438	9388	9426	9499	9456	9575	9691	9593	9542	9601	9577	9675	9539
1976	9764	9741	9749	9689	9691	9921	10074	9996	9924	9962	10111	10116	9896
1977	10120	10166	10168	10181	10262	10366	10492	10597	10407	10469	10586	10582	10367
1978	10571	10686	10836	10858	10887	10926	11066	11048	10990	10999	10983	11085	10911
1979	11119	11142	11055	10993	11057	11212	11421	11476	11356	11430	11421	11537	11268
1980	11424	11402	11469	11462	11455	11556	11748	11897	11609	11649	11715	11626	11584
1981	11729	11693	11716	11762	11715	11733	11909	11965	11745	11912	11933	11929	11812
1982	11940	11984	11993	12038	12114	12195	12389	12356	12252	12318	12272	12276	12178
1983	12202	12176	12127	12059	12201	12383	12381	12445	12317	12303	12409	12370	12281
1984	12333	12292	12359	12374	12442	12715	12823	12853	12719	12802	12809	12808	12610
1985	12938	12903	12915	12919	12841	13001	13127	12857	12949	13156	13003	12969	12981
1986	12996	13164	13229	13178	13154	13415	13537	13503	13439	13495	13516	13361	13332
1987	13347	13529	13590	13657	13775	13800	13950	13857	13763	13789	13863	13811	13729
1988	13867	13910	13885	13959	13981	14079	14192	14145	13999	14074	14202	14131	14036

CALIFORNIA EMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	7570	7523	7534	7660	7567	7609	7753	7727	7494	7571	7538	7453	7575
1971	7383	7396	7554	7608	7734	7717	7876	7904	7688	7695	7673	7765	7669
1972	7735	7729	7828	7899	7899	8078	8197	8182	8052	8112	8105	8186	7996
1973	7986	7986	8007	7997	8098	8239	8447	8404	8529	8632	8590	8571	8286
1974	8397	8438	8555	8498	8648	8682	8809	8865	8728	8763	8679	8683	8638
1975	8460	8412	8451	8562	8558	8597	8691	8698	8630	8737	8658	8728	8598
1976	8709	8795	8850	8850	8981	9064	9105	9096	9046	9058	9108	9210	8990
1977	9126	9242	9282	9309	9458	9488	9594	9760	9612	9703	9745	9850	9513
1978	9735	9808	9968	10075	10125	10141	10169	10278	10289	10345	10319	10388	10137
1979	10317	10359	10320	10309	10438	10552	10709	10748	10663	10772	10770	10842	10566
1980	10675	10635	10742	10661	10687	10718	10912	11021	10828	10875	10884	10892	10794
1981	10796	10755	10843	10919	10995	10942	11025	11142	10926	10998	11003	10004	10938
1982	10820	10835	10833	10904	11025	11053	11067	11101	11069	11046	10928	10925	10967
1983	10772	10729	10801	10864	10991	11137	11204	11262	11295	11311	11388	11380	11095
1984	11204	11212	11295	11421	11544	11773	11749	11885	11761	11911	11896	11922	11631
1985	11900	11945	11967	11982	11989	12019	12114	12105	12039	12214	12144	12156	12048
1986	12144	12147	12284	12296	12350	12546	12517	12604	12609	12662	12633	12519	12442
1987	12432	12623	12732	12869	13009	13051	13113	13108	13000	13021	13149	13136	12938
1988	13090	13102	13149	13263	13171	13313	13359	13357	13298	13404	13478	13520	13292

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 15

UNEMPLOYMENT AND UNEMPLOYMENT RATE, NOT SEASONALLY ADJUSTED
CALIFORNIA 1970-1988
(NUMBERS IN THOUSANDS)

CALIFORNIA UNEMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	488	565	522	472	493	603	646	574	635	621	706	700	592
1971	834	862	729	755	683	669	817	773	708	685	687	647	739
1972	709	706	703	648	631	710	672	643	585	655	643	585	656
1973	689	728	661	643	568	599	611	682	564	554	580	583	624
1974	686	715	639	602	552	676	755	642	687	661	723	805	679
1975	979	977	975	936	898	978	1000	896	912	865	919	947	941
1976	1056	946	899	839	710	858	969	900	878	904	1005	906	906
1977	995	924	886	872	812	878	898	837	795	766	841	732	853
1978	836	878	868	783	763	785	897	770	[illegible]1	654	664	696	775
1979	802	784	735	684	619	660	712	728	693	657	651	695	702
1980	749	767	728	801	768	837	836	877	781	774	831	733	790
1981	932	938	873	844	720	791	885	823	819	914	930	1025	875
1982	1120	1149	1160	1135	1089	1142	1322	1255	1183	1272	1344	1351	1210
1983	1436	1447	1326	1195	1210	1246	1177	1183	1023	992	1021	990	1187
1984	1129	1080	1064	952	899	942	1074	968	958	892	913	886	980
1985	1038	958	949	937	852	982	1013	952	910	942	859	813	934
1986	852	1017	946	882	805	869	1020	899	830	832	883	842	890
1987	915	906	858	788	765	749	837	749	763	768	714	675	791
1988	777	808	736	696	810	765	832	788	701	670	724	611	743

CALIFORNIA UNEMPLOYMENT RATE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	6.1	7.0	6.5	5.8	6.1	7.3	7.7	6.9	7.8	7.6	8.6	8.6	7.3
1971	10.1	10.4	8.8	9.0	8.1	8.0	9.4	8.9	8.4	8.2	8.2	7.7	8.8
1972	8.4	8.4	8.2	7.6	7.4	8.1	7.6	7.3	6.8	7.5	7.3	6.7	7.6
1973	7.9	8.3	7.6	7.4	6.6	6.8	6.7	7.5	6.2	6.0	6.3	6.4	7.0
1974	7.6	7.8	7.0	6.6	6.0	7.2	7.9	6.8	7.3	7.0	7.7	8.6	7.3
1975	10.4	10.4	10.3	9.9	9.5	10.2	10.3	9.3	9.6	9.0	9.6	9.8	9.9
1976	10.8	9.7	9.2	8.7	7.3	8.6	9.6	9.0	8.9	9.1	9.9	8.9	9.2
1977	9.8	9.1	8.7	8.6	7.9	8.5	8.6	7.9	7.6	7.3	7.9	6.9	8.2
1978	7.9	8.2	8.0	7.2	7.0	7.2	8.1	7.0	6.4	5.9	6.0	6.3	7.1
1979	7.2	7.0	6.6	6.2	5.6	5.9	6.2	6.3	6.1	5.8	5.7	6.0	6.2
1980	6.6	6.7	6.3	7.0	6.7	7.2	7.1	7.4	6.7	6.6	7.1	6.3	6.8
1981	7.9	8.0	7.5	7.2	6.1	6.7	7.4	6.9	7.0	7.7	7.8	8.6	7.4
1982	9.4	9.6	9.7	9.4	9.0	9.4	10.7	10.2	9.7	10.3	11.0	11.0	9.9
1983	11.7	11.9	10.9	9.9	9.9	10.1	9.5	9.5	8.3	8.1	8.2	8.0	9.7
1984	9.2	8.8	8.6	7.7	7.2	7.4	8.4	7.5	7.5	7.0	7.1	6.9	7.8
1985	8.0	7.4	7.3	7.3	6.6	7.6	7.7	7.3	7.0	7.2	6.8	6.3	7.2
1986	6.6	7.7	7.1	6.7	6.1	6.5	7.5	6.7	6.2	6.2	6.5	6.3	6.7
1987	6.9	6.7	6.3	5.8	5.6	5.4	6.0	5.4	5.5	5.6	5.1	4.9	5.8
1988	5.6	5.8	5.3	5.9	5.8	5.4	5.9	5.6	5.0	4.8	5.1	4.3	5.3

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 16

LABOR FORCE AND EMPLOYMENT, SEASONALLY ADJUSTED
CALIFORNIA 1970-1988
(NUMBERS IN THOUSANDS)

CALIFORNIA LABOR FORCE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	8129	8144	8102	8203	8149	8136	8170	8136	8180	8217	8241	8207	NA
1971	8288	8311	8328	8440	8506	8316	8466	8516	8442	8402	8364	8460	NA
1972	8509	8486	8574	8631	8620	8725	8651	8674	8674	8781	8753	8809	NA
1973	8730	8763	8711	8736	8753	8779	8851	8954	9123	9190	9181	9180	NA
1974	9125	9196	9237	9203	9279	9307	9372	9391	9443	9422	9420	9418	NA
1975	9472	9427	9464	9608	9521	9531	9513	9493	9568	9599	9605	9673	NA
1976	9786	9776	9782	9798	9746	9890	9912	9897	9949	9961	10148	10099	NA
1977	10135	10202	10196	10284	10315	10344	10339	10495	10434	10470	10622	10555	NA
1978	10583	10726	10866	10950	10945	10920	10919	10934	11022	10999	11007	11046	NA
1979	11138	11189	11090	11078	11118	11220	11273	11356	11391	11422	11428	11497	NA
1980	11446	11456	11520	11543	11521	11566	11596	11775	11645	11634	11703	11587	NA
1981	11756	11754	11781	11842	11783	11732	11755	11837	11788	11891	11913	11905	NA
1982	11971	12054	12074	12117	12193	12172	12225	12201	12293	12298	12254	12284	NA
1983	12234	12246	12200	12137	12282	12341	12213	12307	12357	12277	12397	12403	NA
1984	12364	12360	12422	12446	12528	12654	12656	12728	12751	12772	12804	12863	NA
1985	12969	12964	12963	12987	12929	12921	12959	12943	12994	13131	13001	13035	NA
1986	13029	13217	13267	13234	13241	13335	13371	13399	13485	13471	13512	13434	NA
1987	13386	13573	13619	13706	13857	13723	13786	13760	13814	13772	13853	13884	NA
1988	13913	13947	13913	14002	14057	14006	14028	14052	14053	14063	14186	14198	NA

CALIFORNIA EMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	7691	7666	7611	7714	7603	7558	7566	7548	7504	7540	7522	7464	NA
1971	7506	7537	7629	7670	7768	7670	7694	7726	7693	7658	7660	7773	NA
1972	7859	7869	7902	7972	7931	8034	8025	8010	8048	8065	8089	8191	NA
1973	8110	8121	8081	8081	8125	8196	8289	8246	8517	8573	8576	8572	NA
1974	8520	8561	8628	8590	8664	8641	8669	8721	8714	8699	8669	8597	NA
1975	8581	8523	8518	8657	8560	8559	8569	8570	8616	8673	8653	8715	NA
1976	8823	8896	8911	8942	8973	9033	8997	8979	9036	8998	9106	9186	NA
1977	9230	9338	9337	9396	9443	9464	9491	9653	9604	9647	9743	9814	NA
1978	9829	9907	10025	10158	10123	10129	10067	10170	10282	10290	10304	10342	NA
1979	10410	10468	10384	10392	10439	10548	10606	10636	10650	10710	10746	10795	NA
1980	10770	10761	10823	10744	10690	10710	10807	10902	10807	10804	10839	10849	NA
1981	10898	10892	10937	10999	10995	10922	10921	11022	10905	10921	10956	10870	NA
1982	10933	10984	10946	10979	11028	11010	10968	10950	11048	10967	10883	10913	NA
1983	10891	10873	10910	10932	10992	11073	11111	11128	11279	11228	11352	11383	NA
1984	11324	11350	11393	11480	11548	11693	11659	11767	11749	11828	11866	11935	NA
1985	12014	12071	12047	12029	12003	11926	12023	12003	12052	12141	12121	12168	NA
1986	12251	12260	12349	12329	12369	12457	12426	12515	12632	12600	12610	12532	NA
1987	12533	12726	12785	12892	13031	12965	13024	13028	13029	12970	13126	13146	NA
1988	13188	13199	13196	13278	13193	13231	13269	13283	13330	13363	13451	13524	NA

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 17

UNEMPLOYMENT AND UNEMPLOYMENT RATE, SEASONALLY ADJUSTED
CALIFORNIA 1970-1988
(NUMBERS IN THOUSANDS)

CALIFORNIA UNEMPLOYMENT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	438	478	491	489	546	578	604	588	676	677	719	743	NA
1971	782	774	699	770	738	646	772	790	749	744	704	687	NA
1972	650	617	672	659	689	691	626	664	626	716	664	618	NA
1973	620	642	630	655	628	583	562	708	606	617	605	608	NA
1974	605	635	609	613	615	666	703	670	729	723	751	821	NA
1975	891	904	946	951	961	972	944	923	952	926	952	958	NA
1976	963	880	871	856	773	857	915	918	913	963	1042	913	NA
1977	905	864	859	888	872	880	848	842	830	823	879	741	NA
1978	754	819	841	792	822	791	852	764	740	709	703	704	NA
1979	728	721	706	686	679	672	667	720	741	712	688	702	NA
1980	676	695	697	799	831	856	789	873	838	830	864	738	NA
1981	858	862	844	843	788	810	834	815	883	970	957	1035	NA
1982	1038	1070	1128	1138	1165	1162	1257	1251	1245	1331	1371	1371	NA
1983	1343	1373	1290	1205	1290	1268	1102	1179	1078	1049	1045	1020	NA
1984	1040	1010	1029	966	980	961	997	981	1002	944	938	928	NA
1985	955	893	916	958	926	995	936	940	942	990	880	867	NA
1986	778	957	918	905	872	878	945	884	853	871	902	902	NA
1987	853	847	834	814	826	758	762	732	785	802	727	738	NA
1988	725	748	717	724	864	775	759	769	723	700	735	674	NA

CALIFORNIA UNEMPLOYMENT RATE

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL AVERAGE
1970	5.4	5.9	6.1	6.0	6.7	7.1	7.4	7.2	8.3	8.2	8.7	9.1	NA
1971	9.4	9.3	8.4	9.1	8.7	7.8	9.1	9.3	8.9	8.9	8.4	8.1	NA
1972	7.6	7.3	7.8	7.6	8.0	7.9	7.2	7.7	7.2	8.2	7.6	7.0	NA
1973	7.1	7.3	7.2	7.5	7.2	6.6	6.3	7.9	6.6	6.7	6.6	6.6	NA
1974	6.6	6.9	6.6	6.7	6.6	7.2	7.5	7.1	7.7	7.7	8.0	8.7	NA
1975	9.4	9.6	10.0	9.9	10.1	10.2	9.9	9.7	9.9	9.6	9.9	9.9	NA
1976	9.8	9.0	8.9	8.7	7.9	8.7	9.2	9.3	9.2	9.7	10.3	9.0	NA
1977	8.9	8.5	8.4	8.6	8.5	8.5	8.2	8.0	8.0	7.9	8.3	7.0	NA
1978	7.1	7.6	7.7	7.2	7.5	7.2	7.8	7.0	6.7	6.4	6.4	6.4	NA
1979	6.5	6.4	6.4	6.2	6.1	6.0	5.9	6.3	6.5	6.2	6.0	6.1	NA
1980	5.9	6.1	6.1	6.9	7.2	7.4	6.8	7.4	7.2	7.1	7.4	6.4	NA
1981	7.3	7.3	7.2	7.1	6.7	6.9	7.1	6.9	7.5	8.2	8.0	8.7	NA
1982	8.7	8.9	9.3	9.4	9.6	9.5	10.3	10.3	10.1	10.8	11.2	11.2	NA
1983	11.0	11.2	10.6	9.9	10.5	10.3	9.0	9.6	8.7	8.5	8.4	8.2	NA
1984	8.4	8.2	8.3	7.8	7.8	7.6	7.9	7.8	7.9	7.4	7.3	7.2	NA
1985	7.4	6.9	7.1	7.4	7.2	7.7	7.2	7.3	7.2	7.5	6.8	6.7	NA
1986	6.0	7.2	6.9	6.8	6.6	6.6	7.1	6.6	6.3	6.5	6.7	6.7	NA
1987	6.4	6.2	6.1	5.9	6.0	5.5	5.5	5.3	5.7	5.8	5.2	5.3	NA
1988	5.2	5.4	5.2	5.2	6.1	5.5	5.4	5.5	5.1	5.0	5.2	4.7	NA

SOURCE: U. S. DEPARTMENT OF COMMERCE, CURRENT POPULATION SURVEY

TABLE 18

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT BY MAJOR INDUSTRY GROUP
CALIFORNIA ANNUAL AVERAGE 1939-1988

YEAR	TOTAL	MINING	CONST	MFG	TPU	TRADE	FIRE	SVC	GOVT
1939	1,812.2	40.0	78.8	384.4	185.1	504.7	93.9	274.7	250.3
1940	1,931.8	40.0	92.1	448.2	190.3	524.2	98.3	280.4	266.3
1941	2,264.9	40.1	138.5	593.6	213.0	572.1	102.4	297.4	307.8
1942	2,689.6	33.8	155.5	876.0	233.8	588.0	97.2	321.3	384.1
1943	3,083.6	29.4	140.3	1,165.5	250.8	596.1	94.9	341.5	465.0
1944	3,116.4	29.9	135.9	1,109.7	268.0	614.0	93.2	355.2	510.6
1945	2,961.3	30.6	139.0	860.8	279.5	654.2	97.8	365.7	533.7
1946	2,972.6	33.5	177.7	706.7	295.5	737.1	116.9	405.0	500.2
1947	3,080.0	34.2	209.0	721.8	312.6	774.7	125.8	418.9	483.0
1948	3,162.8	35.6	232.7	734.2	317.9	790.6	132.3	418.7	500.9
1949	3,088.1	34.4	204.4	701.5	306.0	767.2	134.2	415.6	524.6
1950	3,209.4	32.3	235.0	759.7	307.1	783.2	142.1	416.8	533.3
1951	3,518.3	35.0	250.9	892.5	327.1	820.9	150.3	441.7	599.9
1952	3,737.8	35.9	250.6	994.6	336.3	852.6	157.9	469.0	640.9
1953	3,880.7	37.3	261.5	1,060.8	346.6	881.1	166.7	480.4	646.4
1954	3,866.1	36.1	255.0	1,048.6	336.5	877.2	170.4	487.8	654.5
1955	4,082.9	36.8	284.0	1,121.1	347.4	915.6	180.4	516.5	681.2
1956	4,352.3	37.0	302.3	1,218.0	364.9	963.1	193.2	549.2	724.6
1957	4,525.2	36.5	287.5	1,283.8	372.8	986.9	203.7	593.1	760.9
1958	4,498.6	33.4	286.7	1,217.4	353.7	973.0	212.6	623.2	798.6
1959	4,774.8	32.4	308.4	1,312.6	354.8	1,030.8	226.2	677.2	832.4
1960	4,896.8	30.6	294.8	1,317.2	356.9	1,067.8	243.2	711.7	874.0
1961	4,996.1	30.3	294.4	1,318.0	351.2	1,080.6	253.0	748.3	920.3
1962	5,217.7	30.2	307.7	1,382.5	357.0	1,121.4	265.4	790.7	962.8
1963	5,412.3	29.6	329.0	1,394.3	360.3	1,169.0	281.0	847.5	1,001.6
1964	5,606.5	31.0	340.4	1,389.4	371.0	1,224.5	296.7	910.0	1,043.5
1965	5,800.3	31.7	323.7	1,411.2	387.1	1,269.7	306.7	964.8	1,105.4
1966	6,145.2	32.3	305.6	1,531.3	410.3	1,329.3	310.6	1,029.1	1,196.7
1967	6,367.6	31.9	275.2	1,594.0	428.7	1,358.7	319.3	1,085.5	1,274.3
1968	6,642.1	32.5	290.7	1,639.7	440.7	1,418.1	337.8	1,148.8	1,335.8
1969	6,931.5	32.6	310.6	1,661.3	460.7	1,493.0	358.4	1,223.2	1,391.7
1970	6,946.2	31.4	303.0	1,558.0	459.1	1,529.3	374.5	1,266.2	1,424.7
1971	6,917.0	30.4	301.5	1,473.2	452.6	1,545.2	386.8	1,281.0	1,446.3
1972	7,209.9	29.2	312.4	1,542.7	434.1	1,608.6	409.3	1,361.0	1,492.7
1973	7,621.9	30.5	333.4	1,660.7	467.0	1,703.2	431.6	1,470.6	1,524.8
1974	7,834.3	32.7	317.8	1,701.3	470.7	1,751.9	444.8	1,529.1	1,586.8
1975	7,847.2	33.9	285.9	1,593.7	458.1	1,786.3	446.4	1,572.4	1,670.6
1976	8,154.2	34.7	301.3	1,659.8	463.9	1,875.6	468.7	1,654.6	1,695.6
1977	8,599.7	35.6	350.4	1,737.8	476.5	1,982.4	505.4	1,770.9	1,740.7
1978	9,199.8	37.1	401.9	1,884.6	506.4	2,126.0	553.2	1,937.4	1,753.1
1979	9,664.6	39.3	448.7	2,012.7	534.7	2,223.8	595.9	2,074.6	1,735.0
1980	9,848.8	43.5	428.3	2,018.2	546.3	2,266.9	623.1	2,158.8	1,763.9
1981	9,985.3	49.2	407.6	2,032.3	554.8	2,301.6	642.9	2,240.5	1,756.4
1982	9,810.3	50.4	349.0	1,957.7	542.8	2,275.3	642.4	2,257.7	1,735.2
1983	9,965.8	48.1	369.3	1,949.3	536.9	2,343.9	661.7	2,332.2	1,724.3
1984	10,573.8	50.0	445.2	2,065.5	554.6	2,507.4	694.2	2,509.5	1,747.4
1985	10,979.1	49.9	496.2	2,076.1	568.7	2,626.1	724.5	2,644.8	1,792.8
1986	11,258.1	42.6	531.0	2,069.7	574.6	2,686.4	763.7	2,751.3	1,838.8
1987	11,678.5	41.1	574.6	2,107.6	582.6	2,761.4	800.9	2,926.7	1,883.7
1988	12,075.1	42.3	607.0	2,147.9	586.4	2,869.3	812.8	3,074.9	1,934.5

SOURCE: EMPLOYMENT DATA AND RESEARCH DIVISION

TABLE 19

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1980–1988 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1980	1981	1982	1983	1984	1985	1986	1987	1988
AGRICULTURE (B)	01–09	352.3	354.4	358.9	347.3	347.3	335.4	327.6	345.0	360.6
AGRICULTURAL PROD	01–02	261.9	258.6	260.7	250.3	248.6	232.7	222.0	227.2	235.5
AGRICULTURAL SERV (C)	07–09	90.3	95.8	98.3	97.1	98.7	102.7	105.6	117.8	125.1
TOTAL NONAGRICULTURE	10–97	9848.8	9985.3	9810.3	9965.8	10573.8	10979.1	11258.1	11678.5	12075.1
MINING	10–14	43.5	49.2	50.4	48.1	50.0	49.9	42.6	41.1	42.3
METAL MINING	10	2.2	2.5	1.9	1.7	1.6	1.7	1.9	2.1	2.2
FUEL MINING	12–13	33.4	39.4	41.9	40.1	41.7	41.1	34.0	32.2	33.3
NONMETAL MINING	14	7.9	7.3	6.6	6.3	6.7	7.1	6.7	6.7	6.9
CONSTRUCTION (D)	15–17	428.3	407.6	349.0	369.3	445.2	496.2	531.0	574.6	607.0
GENERAL BLDG CONTRACTORS	15	116.9	106.6	86.4	93.1	116.8	130.6	140.7	152.1	163.0
HEAVY CONSTRUCTION	16	74.4	72.1	61.6	60.7	64.3	67.2	69.7	71.7	73.9
SPECIAL TRADE CONTRACTORS	17	237.1	228.8	201.0	215.6	264.1	298.4	320.5	350.7	370.0
MANUFACTURING	20–39	2018.2	2032.3	1957.7	1949.3	2065.5	2076.1	2069.7	2107.6	2147.9
NONDURABLE GOODS	20–23,26–31	638.8	648.3	628.1	622.0	639.2	635.7	652.7	680.4	698.7
DURABLE GOODS	24–25,32–39	1379.3	1384.0	1329.6	1327.3	1426.3	1440.4	1417.0	1427.2	1449.2
FOOD & KINDRED	20	186.6	186.8	182.5	173.4	173.3	169.2	170.6	171.4	175.5
CANNED, CURED, FROZ FISH	2091–2	10.4	10.3	9.1	8.9	6.8	5.2	5.5	5.7	6.1
MEAT PRODUCTS	201	20.2	18.9	18.6	16.7	17.1	17.4	17.4	19.2	19.3
DAIRY PRODUCTS	202	13.9	14.7	14.0	13.5	13.0	12.6	12.6	12.3	12.0
PRSRVD FRUITS & VEGTBLS	203	56.9	56.1	55.4	52.0	53.6	51.3	50.4	50.6	53.5
GRAIN MILL PRODUCTS	204	8.5	8.4	8.3	8.3	8.2	8.0	8.1	8.4	8.5
BAKERY PRODUCTS	205	19.0	19.0	19.2	19.0	19.4	19.4	20.0	19.2	19.1
BEVERAGES	208	24.8	25.9	26.0	25.4	25.2	25.6	26.7	26.8	27.7
OTHER FOOD	20 OTHER	32.9	33.7	31.8	29.7	30.0	29.8	30.0	29.3	29.3
TEXTILE MILL PRODUCTS	22	14.4	13.7	12.4	13.0	13.7	13.9	14.9	16.3	16.7
KNITTING MILLS	225	2.7	2.5	2.5	2.7	3.3	3.8	4.3	4.6	4.3
FLOOR COVERING MILLS	227	5.4	5.0	4.0	3.8	4.0	3.9	4.1	4.3	4.7
OTHR TEXTILE MILL PRODS	22 OTHER	6.3	6.2	5.9	6.4	6.4	6.2	6.5	7.5	7.8
APPAREL & OTHER TEXTILE	23	106.5	107.7	102.4	103.2	108.0	107.2	114.7	126.4	125.9
MEN'S AND BOYS'	232	13.4	13.1	11.9	12.0	11.5	9.6	9.5	10.1	9.0
WOMEN'S & MISSES'	233	63.6	64.4	62.6	63.1	67.0	69.3	75.7	84.4	83.9
WOMEN'S & CHILDS UNDGMTS	234	4.4	4.5	4.1	4.0	4.1	3.8	3.9	3.8	3.6
CHILDREN'S OUTWEAR	236	1.6	1.8	2.0	2.1	2.3	2.1	2.4	2.7	2.5
OTR APPAREL & TEXTILE	23 OTHER	23.6	24.0	21.8	21.9	23.1	22.4	23.2	25.4	26.8

TABLE 19 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1980-1988 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1980	1981	1982	1983	1984	1985	1986	1987	1988
PAPER & ALLIED PRODUCTS	26	38.9	38.5	37.3	37.0	38.7	39.6	40.0	41.1	41.1
MISC CONVERTED PAPER	264	14.9	14.7	15.2	15.2	15.8	15.9	16.4	16.9	16.8
PAPERBOARD CONTAINERS	265	17.3	16.9	15.8	15.5	16.7	17.6	17.5	18.0	18.1
PULP,PAPER & PAPERBOARD	26 OTHER	6.7	6.9	6.3	6.3	6.2	6.1	6.1	6.2	6.2
PRINTING & PUBLISHING	27	123.2	125.1	124.5	128.3	136.5	140.1	145.1	152.4	160.1
NEWSPAPERS	271	42.8	43.2	42.5	43.2	46.4	47.7	48.9	50.7	52.4
COMMERCIAL PRINTING	275	49.3	48.9	48.4	50.7	53.3	54.3	56.0	58.9	61.7
OTHER PRINTING & PUB	27 OTHER	31.2	33.0	33.6	34.5	36.8	38.1	40.2	42.8	46.0
CHEMICALS & ALLIED	28	66.1	68.3	65.7	63.8	64.1	63.7	64.7	67.8	72.7
INDUSTRIAL INORGANIC	281	7.3	7.6	7.5	7.1	7.4	7.4	7.4	7.1	7.4
PLASTICS MATERIAL & SYN	282	3.6	3.5	3.4	3.3	3.3	3.1	2.9	3.0	3.5
DRUGS	283	17.8	19.3	19.4	19.5	19.3	19.0	20.1	21.4	22.8
SOAP, CLEANERS, TOILET	284	13.9	14.5	13.3	12.1	12.4	12.4	13.0	14.4	15.6
PAINT & ALLIED PRODUCTS	285	7.4	7.4	6.7	6.7	7.2	7.5	7.5	7.5	7.4
AGRICULTURE CHEMICALS	287	5.4	5.3	4.6	4.1	3.9	3.6	3.3	3.2	3.4
OTHR CHEMICALS & ALLIED	28 OTHER	10.7	10.8	10.9	10.9	10.7	10.8	10.6	11.2	12.6
PETROLEUM & COAL PRODUCTS	29	27.7	31.0	31.7	31.0	30.0	28.8	27.7	27.3	28.1
PETROLEUM REFINING	291	24.1	27.4	28.2	27.5	26.5	25.7	24.7	24.2	25.0
OTHER PETROLEUM & COAL	29 OTHER	3.6	3.6	3.5	3.6	3.5	3.1	3.0	3.1	3.2
RUBBER & MISC PLASTIC	30	64.7	65.1	61.2	62.8	66.5	65.7	68.1	70.7	72.3
TIRES AND INNER TUBES	301	2.6	1.5	1.4	1.3	1.3	1.2	1.1	1.1	1.1
RUBBER FOOT & FAB RUB	302,6	10.0	10.3	9.7	10.0	10.4	10.0	9.9	9.9	10.1
MISC PLASTICS PRODUCTS	307	51.0	52.3	49.1	50.5	54.1	53.6	55.9	58.6	59.7
OTHER RUBBER & PLASTICS	30 OTHER	1.2	1.1	1.0	0.9	0.8	1.0	1.2	1.2	1.3
LEATHER AND LEATHER PRODS	31	10.9	12.0	10.5	9.5	8.5	7.5	7.0	6.9	6.4
LUMBER & WD PROD EXC FURN	24	61.1	57.1	46.3	50.6	55.1	56.1	60.1	66.2	67.7
LOGGING CAMP & SAW MILL	241-2	24.2	21.8	18.1	19.7	20.9	20.5	20.9	22.3	22.8
MILLWORK & PLYWOOD	243	16.3	15.2	12.6	14.3	16.9	18.4	20.9	24.4	25.6
WOODEN CONTAINERS	244	4.6	4.2	3.8	3.7	4.0	4.1	4.6	4.7	4.8
OTHR LUMBER & WOOD PROD	24 OTHER	16.0	15.9	11.9	12.9	13.2	13.0	13.7	14.9	14.5
FURNITURE & FIXTURES	25	54.0	55.0	49.0	51.6	59.2	58.9	59.5	63.0	62.1
HOUSEHOLD FURNITURE	251	33.8	33.6	29.3	31.1	34.9	34.2	34.5	37.3	37.0
PARTITIONS AND FIXTURES	254	6.9	6.9	6.3	6.8	8.4	8.3	8.4	8.7	8.5
OTHER FURNITURE AND FIX	25 OTHER	13.3	14.5	13.4	13.8	16.0	16.5	16.6	17.0	16.6

TABLE 19 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1980-1988 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1980	1981	1982	1983	1984	1985	1986	1987	1988
STONE, CLAY & GLASS PROD	32	57.4	56.7	50.4	48.7	51.6	50.8	52.5	53.7	56.8
GLASS & GLASS PRODUCTS	321-3	17.7	17.6	16.3	15.8	15.8	15.1	15.3	15.5	16.1
CEMENT, HYDRAULIC	324	3.7	3.7	3.7	3.3	3.2	2.9	2.9	2.8	2.6
STRUCTURAL CLAY PRODUCTS	325	3.3	3.2	2.5	2.4	2.3	2.2	2.2	2.2	2.4
POTTERY AND RELATED	326	6.1	6.0	4.7	4.5	4.7	4.1	4.1	4.3	4.3
CONCRETE & PLASTER PRODS	327	16.5	16.1	14.0	14.2	16.5	17.2	18.3	19.4	21.2
OTHR STONE,CLAY & GLASS	32 OTHER	10.2	10.1	9.3	8.4	9.1	9.4	9.9	9.5	10.1
PRIMARY METAL INDUSTRIES	33	57.3	54.9	47.6	43.5	42.6	41.6	40.8	42.0	43.7
BLAST FURNACE & STEEL	331	17.7	16.1	12.3	9.9	7.7	7.9	7.7	8.1	8.7
IRON & STEEL FOUNDRIES	332	8.8	8.9	8.0	6.5	6.7	6.4	6.1	6.6	7.1
NONFEROUS ROLING & DRAW	335	15.8	14.6	13.0	13.4	13.7	13.3	12.8	12.7	12.8
NONFEROUS FOUNDRIES	336	10.4	10.5	9.7	9.7	10.3	10.0	10.3	10.7	10.7
OTHER PRIMARY METALS	33 OTHER	4.7	4.7	4.5	4.0	4.2	4.1	3.9	3.9	4.4
FABRICATED METAL PRODUCTS	34	155.0	152.3	138.8	137.9	146.7	143.5	135.9	134.3	135.8
CANS AND SHIPPING CONT	341	10.5	9.8	9.1	8.9	8.4	8.3	7.9	7.5	7.2
CUTLERY, HANDTOOL, HDWR	342	16.7	15.7	14.5	14.1	15.0	14.3	14.0	14.5	15.1
PLUMBING & HEATING	343	7.6	7.4	6.7	6.7	7.4	7.7	7.4	7.0	7.4
STRUCTURAL METAL PRODS	344	50.8	50.2	45.3	44.5	47.0	45.1	41.7	40.5	40.3
SCREW MACHINE PRODUCTS	345	15.5	15.0	12.1	11.4	12.4	12.6	12.3	13.1	13.3
METAL FORGING AND STAMP	346	14.3	14.2	13.5	14.2	15.7	15.8	15.6	15.0	14.8
METAL SERVICES, NEC	347	19.9	20.0	18.3	18.9	20.3	19.9	19.3	20.2	20.7
OTHER FABRICATED METAL	34 OTHER	19.8	19.9	19.3	19.2	20.5	19.9	17.6	16.7	17.0
MACHINERY EXC ELECTRICAL	35	236.0	234.5	227.6	223.4	239.2	229.4	214.0	212.3	216.8
FARM & GARDEN MACHINERY	352	5.5	5.7	5.0	4.7	4.6	4.3	3.7	4.1	4.4
CONSTRUCTION & RELATED	353	21.7	23.3	20.8	14.1	14.3	13.5	11.1	9.8	9.4
METALWORKING MACHINERY	354	20.0	18.9	16.8	16.3	17.8	17.7	16.3	16.3	17.7
SPECIAL INDUSTRY MACH	355	13.1	13.4	13.0	12.6	13.7	13.3	12.0	12.0	12.9
GENERAL INDUSTRY MACH	356	21.6	20.8	19.5	18.3	19.7	19.7	18.2	18.0	16.4
OFFICE & COMPUTING MACH	357	97.9	98.4	103.9	109.9	117.9	111.4	107.2	105.8	107.8
REFRIGERATION & SERVICE	358	7.7	8.0	8.3	8.4	8.6	9.2	9.0	9.1	9.6
OTHR MACHINERY EXC ELEC	35 OTHER	48.4	45.9	40.4	39.2	42.6	40.3	36.5	37.2	38.6
ELECTRICAL EQUIP & SUP	36	340.9	351.4	358.0	365.4	406.3	413.4	399.7	396.9	400.3
ELECTRI DISTRIBUTION EQ	361	9.6	9.3	8.5	8.0	10.7	11.7	11.5	11.9	13.1
INDUSTRIAL APPARATUS	362	14.8	14.3	13.2	12.1	14.4	13.2	11.2	10.3	10.2
HOUSEHOLD APPLIANCES	363	5.6	6.2	4.7	4.5	3.9	3.9	3.8	4.0	4.0
LIGHTING & WIRING EQUIP	364	23.3	22.3	20.2	20.0	22.0	22.6	23.2	23.4	23.3
RADIO & TV RECEIVING EQ	365	17.6	17.3	14.9	13.5	13.7	13.6	14.0	14.5	15.1
COMMUNICATION EQUIPMENT	366	137.3	146.5	157.2	158.7	167.2	179.1	179.5	174.3	168.7
ELECTRONIC COMP & ACCESS	367	124.2	126.1	131.0	139.8	165.3	160.8	148.6	150.4	157.6
MISC ELEC EQUIP & SUP	369	8.5	9.5	8.3	8.9	9.2	8.4	7.9	8.2	8.4

TABLE 19 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1980-1988 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1980	1981	1982	1983	1984	1985	1986	1987	1988
TRANSPORTATION EQUIPMENT	37	278.1	278.0	266.3	261.9	277.5	297.3	306.7	310.2	311.7
MOTOR VEHICLES & EQUIP	371	34.6	35.0	30.6	30.3	33.4	33.6	32.5	33.3	34.6
AIRCRAFT AND PARTS	372	151.0	147.9	137.3	133.3	141.1	156.7	167.4	171.6	172.3
SHIP & BOAT BLDG & REP	373	23.0	22.9	22.4	18.7	18.2	17.5	15.4	13.6	13.0
GUIDED MISS, SPACE VECH	376	58.6	62.7	66.4	69.3	73.8	78.1	81.0	81.1	81.2
OTHER TRANSPORT & EQUIP	37 OTHER	10.9	9.5	9.6	10.4	11.1	11.4	10.4	10.5	10.6
INSTRUMENTS & RELATED	38	99.9	102.6	102.4	103.7	110.1	113.9	112.2	112.9	117.7
MEASURING & CONTROLLING	382	46.0	48.2	47.6	47.5	51.1	54.1	54.3	54.5	57.7
OTHER INSTR & RELATED	38 OTHER	54.0	54.4	54.8	56.2	59.0	59.8	58.0	58.4	60.1
MISC MANUFACT INDUSTRIES	39	39.6	41.5	43.2	40.6	37.9	35.5	35.5	35.8	36.5
TOYS AND SPORTING GOODS	394	16.1	18.0	21.0	18.3	15.1	13.2	12.4	12.4	12.1
OTHR MISC MANUFACTURING	39 OTHER	23.5	23.6	22.2	22.3	22.9	22.3	23.0	23.5	24.4
TRANSPORTATION & PUB UTLTY	40-49	546.3	554.8	542.8	536.9	554.6	568.7	574.6	582.6	586.4
TRANSPORTATION	40-47	304.6	300.2	287.5	288.5	307.1	319.3	330.1	340.3	351.2
RAILROADS	40	31.3	30.0	26.7	24.3	24.7	23.6	21.5	19.2	18.3
TRUCKING AND WAREHOUSING	42	117.6	115.7	111.9	115.6	124.6	130.6	136.7	143.1	150.4
OTHER TRANSPORTATION	OTHER	155.7	154.5	149.0	148.6	157.9	165.1	171.9	178.0	182.4
COMMUNICATIONS	48	171.3	182.4	182.9	173.6	169.5	168.2	160.9	157.8	150.7
ELECTRIC GAS & SANITARY	49	70.4	72.2	72.4	74.9	78.0	81.3	83.6	84.5	84.6
WHOLESALE & RETAIL TRADE	50-59	2266.9	2301.6	2275.3	2343.9	2507.4	2626.1	2686.4	2761.4	2869.3
WHOLESALE TRADE	50-51	583.7	598.6	582.1	603.8	643.4	673.5	680.4	689.4	719.7
RETAIL TRADE	52-59	1683.2	1710.9	1693.1	1740.1	1864.0	1952.7	2006.1	2072.0	2149.6
GENERAL MERCHANDISE	53	240.2	241.5	230.3	232.9	237.4	242.5	244.3	238.9	249.2
FOOD STORES	54	242.8	251.7	249.6	251.5	264.0	273.0	280.0	287.1	302.0
OTHER RETAIL TRADE	OTHER	1200.2	1217.7	1213.2	1255.7	1362.6	1437.2	1481.8	1546.0	1598.3
FINANCE INS & REAL ESTATE	60-67	623.1	642.9	642.4	661.7	694.2	724.5	763.7	800.9	812.8
FINANCE	60-62	300.5	315.9	318.4	330.9	345.0	351.4	366.2	381.7	380.2
INS CARRIER, AGTS BROKER	63-64	180.1	184.9	184.7	183.2	186.0	194.9	209.1	218.5	222.7
REAL ESTATE	65	129.0	127.7	123.9	131.2	145.3	158.9	169.6	179.6	188.0
COMB HOLDING & OTHR INVST	66-67	13.5	14.5	15.4	16.3	18.0	19.2	18.9	21.0	21.9
SERVICES	70-89	2158.8	2240.5	2257.7	2332.2	2509.5	2644.8	2751.3	2926.7	3074.9
HOTELS AND OTHER LODGING	70	113.1	119.6	118.5	123.1	138.1	144.2	151.6	168.1	181.4
PERSONAL SERVICES	72	99.9	101.0	102.6	103.6	109.6	114.2	116.7	124.3	128.9
BUSINESS SERVICES	73	456.9	476.1	472.5	516.6	606.5	641.6	682.4	745.3	806.8
AUTO AND MISC REPAIR	75-76	134.4	135.1	133.7	138.7	154.4	162.6	159.6	162.5	168.4
MOTION PICTURES	78	68.3	77.4	76.9	79.3	75.5	78.5	82.0	89.3	89.1
AMUSEMENT & RECREATION	79	94.1	97.4	100.1	104.0	109.8	113.8	116.7	118.7	116.3
HEALTH SERVICES	80	553.7	583.3	600.2	606.0	616.7	646.9	669.3	700.4	724.4
OTHER SERVICES	81-89	638.2	650.6	653.3	660.8	700.8	743.2	773.0	818.1	859.6

TABLE 19 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1980-1988 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1980	1981	1982	1983	1984	1985	1986	1987	1988
GOVERNMENT (E)		1763.9	1756.4	1735.2	1724.3	1747.4	1792.8	1838.8	1883.7	1934.5
FEDERAL GOVERNMENT		333.8	327.6	327.4	328.0	334.4	343.1	346.3	349.7	354.0
STATE & LOCAL GOVERNMENT		1430.1	1428.8	1407.8	1396.4	1413.0	1449.7	1492.5	1534.1	1580.4
COUNTY		233.8	228.9	221.2	218.4	222.3	229.8	238.0	243.7	249.9
CITY (F)		188.7	188.7	187.5	188.8	191.5	197.8	203.8	210.8	216.2
EDUCATION (G)		762.5	758.0	742.5	728.1	732.3	751.4	776.4	795.4	818.9
EDUCATION STATE		134.2	136.9	136.3	139.0	143.2	147.6	150.1	152.6	158.1
EDUCATION LOCAL		628.3	621.1	606.1	589.1	589.1	603.8	626.3	642.9	660.8
OTHER STATE & LOCAL		245.0	253.2	256.6	261.1	266.9	270.8	274.3	284.2	295.5
OTHER STATE		172.6	175.2	173.2	173.0	174.6	177.9	182.1	189.9	198.1
SPECIAL DISTRICT		72.5	78.0	83.5	88.1	92.3	92.9	92.2	94.3	97.4

(A) DOES NOT INCLUDE PROPRIETORS, THE SELF-EMPLOYED, UNPAID VOLUNTEERS OR FAMILY WORKERS, FARM WORKERS, DOMESTIC WORKERS IN HOUSEHOLDS, AND PERSONS IN LABOR MANAGEMENT TRADE DISPUTES. FURTHERMORE, ANNUAL AVERAGE MAY DIFFER FROM THE TRUE ARITHMETIC MEAN BY 0.1 THOUSAND JOBS DUE TO ROUNDING.

(B) EMPLOYMENT REPORTED BY PLACE OF WORK. DOES NOT INCLUDE FARMERS OR UNPAID FAMILY WORKERS.

(C) AGRICULTURAL SERVICES, FORESTRY AND FISHING - DEFINITION CHANGED TO EXCLUDE VETERINARY, OTHER ANIMAL, LANDSCAPE AND HORTICULTURAL SERVICES (SIC CODE 074, 075, 078).

(D) INCLUDES EMPLOYEES OF CONSTRUCTION CONTRACTORS AND OPERATIVE BUILDERS; DOES NOT INCLUDE FORCE ACCOUNT OR GOVERNMENT CONSTRUCTION WORKERS.

(E) INCLUDES ALL CIVILIAN EMPLOYEES OF FEDERAL, STATE, AND LOCAL GOVERNMENTS REGARDLESS OF THE ACTIVITY IN WHICH THE EMPLOYEE IS ENGAGED.

(F) INCLUDES ALL EMPLOYEES OF THE CITY AND COUNTY OF SAN FRANCISCO.

(G) INCLUDES ALL EMPLOYEES OF STATE AND LOCAL PUBLIC SCHOOLS.

SOURCE: EMPLOYMENT DATA AND RESEARCH DIVISION

TABLE 20

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1972-1979 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979
AGRICULTURE (B)	01-09	268.1	288.9	308.1	315.7	323.5	314.7	323.9	338.6
AGRICULTURAL PROD	01-02	208.3	222.4	236.9	243.7	248.2	241.7	245.1	253.6
AGRICULTURAL SERV (C)	07-09	59.8	66.6	71.2	72.0	75.3	72.9	78.9	85.0
NON-AGRICULTURE	10-97	7209.9	7621.9	7834.3	7847.2	8154.2	8599.7	9199.8	9664.6
MINING	10-14	29.2	30.5	32.7	33.9	34.7	35.6	37.1	39.3
METAL MINING	10	1.6	2.0	2.4	2.2	2.1	2.2	2.2	2.3
FUEL MINING	12-13	19.7	20.5	22.7	24.1	25.0	26.1	27.4	29.4
NONMETAL MINING	14	7.8	8.1	7.7	7.6	7.5	7.2	7.5	7.6
CONSTRUCTION (D)	15-17	312.4	333.4	317.8	285.9	301.3	350.4	401.9	448.7
GENERAL BLDG CONTRACTORS	15	91.5	98.7	91.3	80.0	85.2	100.6	116.4	127.1
HEAVY CONSTRUCTION	16	57.8	56.9	57.1	55.9	53.2	57.7	66.8	74.2
SPECIAL TRADE CONTRACTORS	17	163.2	177.9	169.4	150.0	162.9	192.1	218.8	247.4
MANUFACTURING	20-39	1542.7	1660.7	1701.3	1593.7	1659.8	1737.8	1884.6	2012.7
NONDURABLE GOODS	20-23,26-31	523.6	550.3	562.5	544.9	569.6	592.5	624.4	643.8
DURABLE GOODS	24-25,32-39	1019.1	1110.5	1138.9	1048.8	1090.2	1145.3	1260.2	1368.9
FOOD & KINDRED	20	167.7	170.1	175.8	172.8	175.1	178.8	182.3	186.4
CANNED, CURED, FROZ FISH	2091-2	7.5	7.6	8.7	7.6	8.9	9.5	10.1	10.1
MEAT PRODUCTS	201	19.4	19.8	21.2	21.0	20.6	20.1	20.2	20.1
DAIRY PRODUCTS	202	15.0	14.5	14.5	13.5	12.8	13.1	12.7	13.5
PRSRVD FRUITS & VEGTBLS	203	51.2	51.9	55.1	55.1	55.1	55.6	56.0	58.3
GRAIN MILL PRODUCTS	204	7.8	7.9	7.9	7.6	7.7	8.2	8.3	8.5
BAKERY PRODUCTS	205	19.2	19.3	18.4	17.9	18.3	18.5	18.8	18.8
BEVERAGES	208	18.5	19.1	19.7	20.3	20.9	21.6	23.6	23.8
OTHER FOOD	20 OTHER	29.3	30.1	30.3	29.8	30.8	32.3	32.7	33.3
TEXTILE MILL PRODUCTS	22	13.2	15.4	15.1	13.9	14.8	14.8	15.8	16.0
KNITTING MILLS	225	3.5	4.1	3.9	3.6	3.3	3.1	3.0	2.9
FLOOR COVERING MILLS	227	4.9	5.5	5.5	4.8	5.4	5.6	6.1	6.3
OTHR TEXTILE MILL PRODS	22 OTHER	4.8	5.8	5.8	5.5	6.1	6.1	6.7	6.8
APPAREL & OTHER TEXTILE	23	81.7	89.8	91.5	91.6	99.8	101.3	109.6	110.6
MEN'S AND BOYS'	232	12.0	13.0	13.7	13.6	14.4	13.8	14.1	14.5
WOMEN'S & MISSES'	233	44.1	49.6	51.2	52.7	58.2	60.4	67.4	66.7
WOMEN'S & CHILDS UNDGMTS	234	4.2	4.1	4.2	3.9	4.3	4.8	3.9	4.2
CHILDREN'S OUTWEAR	236	1.7	1.8	1.7	1.8	1.8	1.6	1.4	1.4
OTR APPAREL & TEXTILE	23 OTHER	19.7	21.3	20.7	19.5	21.1	21.5	22.8	23.8

TABLE 20 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1972-1979 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979
PAPER & ALLIED PRODUCTS	26	36.2	36.2	36.9	34.9	36.8	37.4	37.7	39.1
MISC CONVERTED PAPER	264	12.5	12.6	13.2	12.7	13.2	13.5	13.9	14.8
PAPERBOARD CONTAINERS	265	14.9	15.3	15.1	14.2	15.5	16.1	16.5	17.4
PULP,PAPER & PAPERBOARD	26 OTHER	8.7	8.4	8.6	8.0	8.1	7.9	7.3	7.0
PRINTING & PUBLISHING	27	91.3	96.2	97.6	94.6	98.0	103.3	112.4	118.9
NEWSPAPERS	271	34.8	35.7	35.0	33.9	35.2	36.8	39.6	41.6
COMMERCIAL PRINTING	275	32.8	34.9	35.8	35.6	37.8	40.1	43.9	47.4
OTHER PRINTING & PUB	27 OTHER	23.6	25.6	26.8	25.1	25.1	26.3	28.8	29.9
CHEMICALS & ALLIED	28	52.4	55.4	57.4	55.8	58.4	61.6	63.5	65.1
INDUSTRIAL INORGANIC	281	5.1	5.2	5.6	5.8	6.2	7.1	7.1	7.1
PLASTICS MATERIAL & SYN	282	3.1	3.1	3.3	3.0	3.3	3.8	3.7	4.2
DRUGS	283	10.5	11.7	12.8	12.4	13.1	14.3	15.5	16.5
SOAP, CLEANERS, TOILET	284	11.4	12.0	12.4	11.7	12.2	13.3	13.5	13.4
PAINT & ALLIED PRODUCTS	285	7.7	7.7	7.5	7.1	7.6	7.8	7.9	8.3
AGRICULTURE CHEMICALS	287	5.5	5.8	6.1	6.3	6.3	5.4	5.1	5.2
OTHR CHEMICALS & ALLIED	28 OTHER	9.1	9.9	9.8	9.6	9.7	10.0	10.8	10.4
PETROLEUM & COAL PRODUCTS	29	25.7	25.5	25.6	25.4	25.3	25.5	27.0	27.5
PETROLEUM REFINING	291	22.5	22.6	22.7	22.7	22.3	22.6	23.8	24.2
OTHER PETROLEUM & COAL	29 OTHER	3.1	2.9	2.9	2.8	2.9	2.9	3.2	3.3
RUBBER & MISC PLASTIC	30	48.5	53.6	53.9	47.0	51.4	59.0	63.8	68.0
TIRES AND INNER TUBES	301	7.7	7.9	8.2	6.4	4.9	6.7	5.3	4.8
RUBBER FOOT & FAB RUB	302,6	7.6	8.6	9.6	8.9	9.6	10.3	10.4	10.6
MISC PLASTICS PRODUCTS	307	32.0	35.9	35.3	30.8	36.1	41.1	47.2	51.5
OTHER RUBBER & PLASTICS	30 OTHER	1.1	1.2	0.9	0.9	0.8	1.0	0.9	1.1
LEATHER AND LEATHER PRODS	31	7.1	8.1	8.6	8.9	10.2	10.8	12.4	12.3
LUMBER & WD PROD EXC FURN	24	64.3	66.7	60.2	53.4	60.1	66.4	69.5	68.7
LOGGING CAMP & SAW MILL	241-2	25.0	25.1	24.5	22.9	25.6	26.2	26.5	27.2
MILLWORK & PLYWOOD	243	14.7	15.4	13.3	11.6	13.5	15.5	17.2	18.0
WOODEN CONTAINERS	244	5.0	5.5	5.5	4.3	4.7	4.8	4.4	4.7
OTHR LUMBER & WOOD PROD	24 OTHER	19.7	20.7	16.8	14.6	16.3	19.9	21.4	18.7
FURNITURE & FIXTURES	25	40.2	46.0	44.7	39.7	44.3	49.3	55.6	56.9
HOUSEHOLD FURNITURE	251	28.4	32.0	30.5	27.2	30.5	32.9	35.9	37.0
PARTITIONS AND FIXTURES	254	4.9	5.5	5.4	4.7	4.9	5.7	6.2	6.8
OTHER FURNITURE AND FIX	25 OTHER	7.0	8.5	8.8	7.9	8.9	10.7	12.9	13.1

TABLE 20 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1972-1979 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979
STONE, CLAY & GLASS PROD	32	53.2	55.0	54.6	50.0	51.6	53.7	57.2	60.0
GLASS & GLASS PRODUCTS	321-3	14.2	15.0	14.7	14.5	15.5	15.9	17.5	18.0
CEMENT, HYDRAULIC	324	3.7	3.7	3.4	3.1	3.1	3.2	3.4	3.6
STRUCTURAL CLAY PRODUCTS	325	4.3	4.2	4.2	3.6	3.7	3.8	3.9	3.8
POTTERY AND RELATED	326	5.3	6.1	6.8	6.3	6.8	6.6	6.5	6.4
CONCRETE & PLASTER PRODS	327	16.1	15.6	14.8	12.8	12.7	14.1	15.8	17.3
OTHR STONE,CLAY & GLASS	32 OTHER	9.7	10.5	10.8	9.8	9.7	10.1	10.2	10.8
PRIMARY METAL INDUSTRIES	33	53.2	57.9	59.8	54.1	52.8	54.3	57.3	60.5
BLAST FURNACE & STEEL	331	20.9	23.5	23.9	22.2	20.9	20.6	20.3	21.2
IRON & STEEL FOUNDRIES	332	7.1	7.7	8.6	8.0	7.5	7.9	8.7	9.1
NONFEROUS ROLING & DRAW	335	14.8	15.1	14.8	13.1	12.7	13.6	14.7	15.5
NONFEROUS FOUNDRIES	336	7.1	8.3	8.8	7.4	8.2	8.6	9.5	10.4
OTHER PRIMARY METALS	33 OTHER	3.2	3.4	3.8	3.5	3.5	3.7	4.1	4.4
FABRICATED METAL PRODUCTS	34	122.6	132.6	134.9	124.4	129.4	135.4	147.5	158.4
CANS AND SHIPPING CONT	341	12.1	12.1	12.1	11.6	11.3	11.0	10.9	11.0
CUTLERY, HANDTOOL, HDWR	342	15.8	17.5	16.7	14.4	15.9	16.8	17.6	18.6
PLUMBING & HEATING	343	6.3	6.7	6.5	5.4	6.1	7.1	7.5	8.2
STRUCTURAL METAL PRODS	344	39.7	42.7	43.3	42.0	43.2	44.7	49.1	52.4
SCREW MACHINE PRODUCTS	345	8.7	9.7	10.6	9.2	8.8	9.3	11.3	13.6
METAL FORGING AND STAMP	346	11.0	12.1	12.5	11.4	12.1	13.0	14.6	14.6
METAL SERVICES, NEC	347	12.8	14.7	15.2	13.8	15.2	16.0	18.3	20.2
OTHER FABRICATED METAL	34 OTHER	16.3	17.0	18.0	16.7	17.0	17.4	18.2	19.9
MACHINERY EXC ELECTRICAL	35	140.3	162.8	180.4	168.4	169.8	177.6	202.8	226.8
FARM & GARDEN MACHINERY	352	2.9	3.6	3.8	3.6	4.1	4.4	5.0	5.4
CONSTRUCTION & RELATED	353	13.8	15.9	17.6	16.8	17.7	18.0	19.6	21.4
METALWORKING MACHINERY	354	14.8	17.6	18.3	16.2	16.4	16.7	18.7	20.6
SPECIAL INDUSTRY MACH	355	8.9	9.9	11.0	10.4	10.4	10.3	11.1	12.2
GENERAL INDUSTRY MACH	356	15.3	16.5	18.1	17.7	17.7	17.8	19.2	20.6
OFFICE & COMPUTING MACH	357	52.1	61.4	69.7	63.3	62.3	67.0	80.1	92.2
REFRIGERATION & SERVICE	358	5.0	5.6	5.4	4.9	5.4	6.3	7.2	7.6
OTHR MACHINERY EXC ELEC	35 OTHER	27.6	32.3	36.6	35.7	35.8	37.2	42.0	46.8
ELECTRICAL EQUIP & SUP	36	207.1	234.3	247.1	228.3	243.7	258.1	290.5	322.9
ELECTRI DISTRIBUTION EQ	361	7.6	8.8	9.7	8.9	8.5	8.6	8.7	9.2
INDUSTRIAL APPARATUS	362	9.0	9.9	10.9	10.8	11.4	12.1	13.7	14.2
HOUSEHOLD APPLIANCES	363	7.2	7.3	6.1	4.3	5.3	5.5	5.6	5.7
LIGHTING & WIRING EQUIP	364	16.2	18.5	18.0	15.5	16.2	17.7	20.5	23.5
RADIO & TV RECEIVING EQ	365	15.0	15.5	15.8	14.9	16.1	16.6	17.8	18.8
COMMUNICATION EQUIPMENT	366	95.1	100.0	102.6	103.0	105.4	108.4	119.1	129.6
ELECTRONIC COMP & ACCESS	367	52.0	68.9	78.5	65.7	74.8	82.3	97.3	114.6
MISC ELEC EQUIP & SUP	369	4.9	5.4	5.5	5.3	6.1	6.9	7.8	8.0

TABLE 20 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1972-1979 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979
TRANSPORTATION EQUIPMENT	37	252.9	260.0	257.0	235.8	234.8	240.5	257.1	280.5
MOTOR VEHICLES & EQUIP	371	38.2	43.0	39.3	30.8	39.6	44.5	49.6	49.6
AIRCRAFT AND PARTS	372	135.4	135.6	134.9	121.3	108.5	109.4	117.5	140.4
SHIP & BOAT BLDG & REP	373	14.8	16.5	19.7	19.9	21.2	21.2	22.3	23.1
GUIDED MISS, SPACE VECH	376	52.8	51.0	51.7	52.0	50.0	48.0	49.6	54.0
OTHER TRANSPORT & EQUIP	37 OTHER	11.7	13.9	11.4	11.8	15.6	17.4	18.1	13.5
INSTRUMENTS & RELATED	38	52.2	60.6	65.7	61.9	67.5	71.6	80.4	92.2
MEASURING & CONTROLLING	382	25.1	30.5	32.7	30.2	32.5	33.5	37.4	41.9
OTHER INSTR & RELATED	38 OTHER	27.1	30.0	33.1	31.7	34.9	38.1	43.0	50.2
MISC MANUFACT INDUSTRIES	39	33.1	34.7	34.5	32.8	36.4	38.4	43.1	42.1
TOYS AND SPORTING GOODS	394	13.5	14.2	13.9	13.3	14.8	15.1	16.2	15.8
OTHR MISC MANUFACTURING	39 OTHER	19.6	20.5	20.6	19.5	21.5	23.2	27.0	26.3
TRANSPORTATION & PUB UTLTY	40-49	454.1	467.0	470.7	458.1	463.9	476.5	506.5	534.7
TRANSPORTATION	40-47	252.5	261.9	265.2	255.3	261.7	270.3	289.0	301.8
RAILROADS	40	40.2	38.8	37.9	34.4	32.9	31.8	32.0	32.4
TRUCKING AND WAREHOUSING	42	91.9	97.3	98.7	93.8	98.5	104.8	113.7	119.5
OTHER TRANSPORTATION	OTHER	120.5	125.8	128.6	127.2	130.4	133.8	143.3	149.9
COMMUNICATIONS	48	138.2	139.1	139.9	139.0	139.5	142.4	149.9	163.1
ELECTRIC GAS & SANITARY	49	63.4	65.9	65.7	63.8	62.7	63.8	67.6	69.8
WHOLESALE & RETAIL TRADE	50-59	1608.6	1703.2	1751.9	1786.3	1875.6	1982.4	2126.0	2223.8
WHOLESALE TRADE	50-51	409.6	441.3	460.6	465.9	485.3	507.5	534.3	564.1
RETAIL TRADE	52-59	1199.0	1261.9	1291.4	1320.4	1390.2	1474.9	1591.7	1659.7
GENERAL MERCHANDISE	53	206.6	212.2	214.0	208.8	215.1	224.7	235.2	239.4
FOOD STORES	54	169.1	174.2	188.3	196.7	201.5	210.8	223.7	233.7
OTHER RETAIL TRADE	OTHER	823.3	875.4	889.1	915.0	973.6	1039.3	1132.8	1186.7
FINANCE INS & REAL ESTATE	60-67	409.3	431.6	444.8	446.4	468.7	505.4	553.2	595.9
FINANCE	60-62	189.6	199.6	206.7	209.1	220.6	235.8	258.4	281.1
INS CARRIER, AGTS BROKER	63-64	132.2	137.7	140.2	139.6	145.4	155.3	166.1	174.2
REAL ESTATE	65	79.7	85.5	88.1	87.8	92.6	104.1	117.8	127.5
COMB HOLDING & OTHR INVST	66-67	7.8	8.8	9.8	10.0	10.1	10.2	10.9	13.2

TABLE 20 (CONTINUED)

ANNUAL AVERAGE NUMBER OF WAGE AND SALARY WORKERS BY INDUSTRY
CALIFORNIA 1972-1979 (A)
(IN THOUSANDS)

INDUSTRY	SIC CODE	1972	1973	1974	1975	1976	1977	1978	1979
GOVERNMENT (E)		1492.7	1524.8	1586.0	1670.6	1695.6	1740.7	1753.1	1735.0
FEDERAL GOVERNMENT		316.2	311.5	320.4	323.2	316.1	314.7	318.6	322.8
STATE & LOCAL GOVERNMENT		1176.5	1213.3	1265.6	1347.4	1379.5	1426.0	1434.5	1412.2
COUNTY		197.5	203.9	211.6	228.3	227.1	228.6	232.5	226.8
CITY (F)		172.9	175.8	178.3	195.1	194.6	198.9	200.2	188.8
EDUCATION (G)		622.2	643.0	677.2	713.7	741.2	771.0	764.9	759.0
EDUCATION STATE		105.3	109.8	113.9	119.8	122.5	125.5	128.1	130.4
EDUCATION LOCAL		517.0	533.2	563.3	593.9	618.7	645.5	636.9	628.6
OTHER STATE & LOCAL		183.8	190.6	198.5	210.4	216.7	227.4	236.8	237.6
OTHER STATE		133.5	137.6	143.5	149.0	153.3	160.3	168.0	169.6
SPECIAL DISTRICT		50.4	53.0	55.0	61.4	63.4	67.1	68.8	68.0

(A) DOES NOT INCLUDE PROPRIETORS, THE SELF-EMPLOYED, UNPAID VOLUNTEERS OR FAMILY WORKERS, FARM WORKERS, DOMESTIC WORKERS IN HOUSEHOLDS, AND PERSONS IN LABOR MANAGEMENT TRADE DISPUTES. FURTHERMORE, ANNUAL AVERAGE MAY DIFFER FROM THE TRUE ARITHMETIC MEAN BY 0.1 THOUSAND JOBS DUE TO COMPUTER ROUNDING.

(B) EMPLOYMENT REPORTED BY PLACE OF WORK. DOES NOT INCLUDE FARMERS OR UNPAID FAMILY WORKERS.

(C) AG SERVICES, FORESTRY AND FISHING - DEFINITION CHANGED TO EXCLUDE VETERINARY, OTHER ANIMAL, LANDSCAPE AND HORTICULTURAL SERVICES (SIC 074, 075, 078).

(D) INCLUDES EMPLOYEES OF CONSTRUCTION CONTRACTORS AND OPERATIVE BUILDERS; DOES NOT INCLUDE FORCE ACCOUNT OR GOVERNMENT CONSTRUCTION WORKERS.

(E) INCLUDES ALL CIVILIAN EMPLOYEES OF FEDERAL, STATE AND LOCAL GOVERNMENTS REGARDLESS OF THE ACTIVITY IN WHICH THE EMPLOYEE IS ENGAGED.

(F) INCLUDES ALL EMPLOYEES OF THE CITY AND COUNTY OF SAN FRANCISCO.

(G) INCLUDES ALL EMPLOYEES OF STATE AND LOCAL PUBLIC SCHOOLS.

SOURCE: EMPLOYMENT DATA AND RESEARCH DIVISION

TABLE 21

EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION BY SEX, AGE, RACE, HISPANIC ORIGIN, AND MARITAL STATUS
CALIFORNIA 1988 ANNUAL AVERAGES
(NUMBERS IN THOUSANDS)

POPULATION GROUP (A)	CIVILIAN NONINSTI-TUTIONAL POPULATION	CIVILIAN LABOR FORCE		EMPLOYMENT		UNEMPLOYMENT		
		NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	RATE	ERROR RANGE OF RATE (B)
TOTAL	20,840	14,036	67.3	13,292	63.8	743	5.3	5.0 - 5.6
MEN	10,162	7,953	78.3	7,520	74.0	433	5.4	5.0 - 5.9
WOMEN	10,678	6,082	57.0	5,773	54.1	310	5.1	4.6 - 5.6
BOTH SEXES, 16-19 YEARS	1,532	856	55.9	722	47.1	134	15.7	13.7 - 17.7
WHITE	17,521	11,858	67.7	11,270	64.3	589	5.0	4.6 - 5.3
MEN	8,607	6,808	79.1	6,464	75.1	344	5.1	4.6 - 5.5
WOMEN	8,914	5,050	56.7	4,806	53.9	244	4.8	4.3 - 5.3
BOTH SEXES, 16-19 YEARS	1,224	733	59.9	629	51.4	105	14.3	12.2 - 16.4
BLACK	1,365	906	66.4	812	59.5	94	10.3	8.6 - 12.1
MEN	646	475	73.6	421	65.2	55	11.5	8.9 - 14.1
WOMEN	719	431	59.9	391	54.4	39	9.1	6.6 - 11.5
BOTH SEXES, 16-19 YEARS	NA	NA	NA	NA	NA	NA	NA	NA
HISPANIC ORIGIN (C)	4,474	3,150	70.4	2,919	65.3	230	7.3	6.5 - 8.1
MEN	2,325	1,935	85.8	1,848	79.5	147	7.4	6.3 - 8.4
WOMEN	2,148	1,155	53.8	1,071	49.9	83	7.2	5.9 - 8.6
BOTH SEXES, 16-19 YEARS	457	254	55.5	205	44.8	49	19.3	14.9 - 23.8
SINGLE (NEVER MARRIED)	5,582	4,190	75.1	3,833	68.7	357	8.5	7.8 - 9.2
MARRIED, SPOUSE PRESENT	11,469	7,674	66.9	7,402	64.5	272	3.5	3.2 - 3.9
OTHER MARITAL STATUS (D)	3,788	2,172	57.3	2,058	54.3	114	5.2	4.4 - 6.0

(A) AGE RANGE FOR ALL POPULATION GROUPS ARE 16 YEARS OF AGE AND OLDER UNLESS OTHERWISE SPECIFIED.

(B) ERROR RANGES ARE CALCULATED AT THE 90% CONFIDENCE INTERVAL, WHICH MEANS THAT IF REPEATED SAMPLES WERE DRAWN FROM THE SAME POPULATION AND AN ERROR RANGE CONSTRUCTED AROUND EACH SAMPLE ESTIMATE, IN 9 OUT OF 19 CASES THE TRUE VALUE BASED ON A COMPLETE CENSUS OF THE POPULATION WOULD BE CONTAINED WITHIN THESE ERROR RANGES.

(C) HISPANICS ARE INCLUDED IN THE COUNT OF WHITES AND BLACKS.

(D) OTHER MARITAL STATUS INCLUDES DIVORCED, WIDOWED, SEPARATED, AND MARRIED WITH SPOUSE ABSENT.

NOTE: NA = NOT AVAILABLE.

SOURCE: BUREAU OF LABOR STATISTICS, UNPUBLISHED DATA FROM THE CURRENT POPULATION SURVEY, 1988.

TABLE 22

EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION BY SEX, AGE, AND MARITAL STATUS
CALIFORNIA 1988 ANNUAL AVERAGES
(NUMBERS IN THOUSANDS)

POPULATION GROUP (A)	CIVILIAN NONINSTI-TUTIONAL POPULATION	CIVILIAN LABOR FORCE		EMPLOYMENT		UNEMPLOYMENT		
		NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	RATE	ERROR RANGE OF RATE (B)
BOTH SEXES								
14-15 YEARS	752	91	12.1	71	9.5	20	22.2	15.3 - 29.0
16-19 YEARS	1,532	856	55.9	722	47.1	134	15.7	13.7 - 17.7
20-24 YEARS	2,270	1,759	77.5	1,620	71.4	140	7.9	6.9 - 9.0
25-34 YEARS	5,206	4,280	82.2	4,061	78.0	219	5.1	4.6 - 5.7
35-44 YEARS	4,197	3,531	84.1	3,406	81.1	125	3.5	3.0 - 4.1
45-54 YEARS	2,636	2,104	79.8	2,032	77.1	73	3.5	2.8 - 4.1
55-64 YEARS	2,147	1,145	53.3	1,108	51.6	37	3.2	2.3 - 4.1
65 YEARS AND OVER	2,850	360	12.6	344	12.1	16	4.4	2.6 - 6.2
MEN								
16-19 YEARS	775	459	59.2	378	48.8	80	17.5	14.7 - 20.4
20-24 YEARS	1,090	939	86.1	865	79.4	73	7.8	6.4 - 9.3
25-34 YEARS	2,629	2,475	94.2	2,340	89.0	136	5.5	4.7 - 6.2
35-44 YEARS	2,111	1,988	94.2	1,919	90.9	69	3.5	2.8 - 4.1
45-54 YEARS	1,321	1,199	90.8	1,156	87.5	43	3.5	2.7 - 4.4
55-64 YEARS	998	663	66.4	639	64.0	24	3.6	2.4 - 4.8
65 YEARS AND OVER	1,238	232	18.7	222	18.0	9	3.9	1.8 - 6.1
SINGLE (NEVER MARRIED)	3,122	2,456	78.7	2,229	71.4	227	9.2	8.3 - 10.2
MARRIED, SPOUSE PRESENT	5,758	4,564	79.3	4,410	76.6	154	3.4	2.9 - 3.8
OTHER MARITAL STATUS (D)	1,282	933	72.8	881	68.7	52	5.6	4.3 - 6.8
WOMEN								
16-19 YEARS	757	398	52.5	344	45.4	54	13.5	10.8 - 16.3
20-24 YEARS	1,180	821	69.6	755	64.0	66	8.1	6.5 - 9.6
25-34 YEARS	2,580	1,805	70.0	1,721	66.7	84	4.7	3.8 - 5.5
35-44 YEARS	2,086	1,543	74.0	1,487	71.3	56	3.7	2.9 - 4.4
45-54 YEARS	1,316	906	68.8	876	66.6	30	3.3	2.3 - 4.3
55-64 YEARS	1,148	482	42.0	470	40.9	12	2.6	1.4 - 3.8
65 YEARS AND OVER	1,612	128	8.0	122	7.5	7	5.3	2.1 - 8.6
SINGLE (NEVER MARRIED)	2,461	1,734	70.5	1,604	65.2	130	7.5	6.5 - 8.6
MARRIED, SPOUSE PRESENT	5,711	3,110	54.5	2,992	52.4	118	3.8	3.2 - 4.4
OTHER MARITAL STATUS (D)	2,506	1,238	49.4	1,177	46.9	62	5.0	4.0 - 6.0

FOR FOOTNOTES (A), (B), AND (D), SEE PAGE 78.

SOURCE: BUREAU OF LABOR STATISTICS, UNPUBLISHED DATA FROM THE CURRENT POPULATION SURVEY, 1988

TABLE 23

EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION BY RACE, HISPANIC ORIGIN, AGE, AND MARITAL STATUS
CALIFORNIA 1988 ANNUAL AVERAGES
(NUMBERS IN THOUSANDS)

POPULATION GROUP (A)	CIVILIAN NONINSTI-TUTIONAL POPULATION	CIVILIAN LABOR FORCE		EMPLOYMENT		UNEMPLOYMENT		
		NUMBER	PERCENT OF POPULATION	NUMBER	PERCENT OF POPULATION	NUMBER	RATE	ERROR RANGE OF RATE (B)
WHITE								
16-19 YEARS	1,224	733	59.9	629	51.4	105	14.3	12.2 - 16.4
20-24 YEARS	1,854	1,480	79.8	1,369	73.9	111	7.5	6.4 - 8.6
25-34 YEARS	4,330	3,587	82.7	3,410	78.6	177	4.9	4.3 - 5.5
35-44 YEARS	3,524	2,979	84.5	2,881	81.8	98	3.3	2.8 - 3.8
45-54 YEARS	2,194	1,762	80.3	1,704	77.7	58	3.3	2.6 - 4.0
55-64 YEARS	1,819	992	54.5	965	53.1	27	2.7	1.8 - 3.5
65 YEARS AND OVER	2,569	325	12.7	311	12.1	14	4.2	2.4 - 6.1
SINGLE (NEVER MARRIED)	4,456	3,442	77.2	3,166	71.1	276	8.0	7.3 - 8.8
MARRIED, SPOUSE PRESENT	9,884	6,584	66.6	6,356	64.3	228	3.5	3.1 - 3.8
OTHER MARITAL STATUS (D)	3,181	1,832	57.6	1,747	54.9	85	4.7	3.8 - 5.5
BLACK								
16-19 YEARS	NA	NA	NA	NA	NA	NA	NA	NA
20-24 YEARS	180	125	69.7	108	60.1	17	13.7	8.2 - 19.3
25-34 YEARS	406	331	81.6	300	73.8	32	9.5	6.7 - 12.4
35-44 YEARS	246	211	85.8	199	80.8	12	5.8	3.0 - 8.6
45-54 YEARS	157	114	72.6	107	68.5	6	5.7	1.9 - 9.5
55-64 YEARS	NA	NA	NA	NA	NA	NA	NA	NA
65 YEARS AND OVER	NA	NA	NA	NA	NA	NA	NA	NA
SINGLE (NEVER MARRIED)	515	346	67.1	293	56.8	53	15.2	11.8 - 18.7
MARRIED, SPOUSE PRESENT	490	349	71.2	328	67.0	21	6.0	3.8 - 8.2
OTHER MARITAL STATUS (D)	359	211	58.8	191	53.2	20	9.6	6.0 - 13.1
HISPANIC ORIGIN (C)								
16-19 YEARS	457	254	55.5	205	44.8	49	19.3	14.9 - 23.8
20-24 YEARS	737	577	78.3	528	71.6	49	8.5	6.5 - 10.6
25-34 YEARS	1,380	1,070	77.5	1,002	72.6	68	6.3	5.0 - 7.7
35-44 YEARS	844	669	79.3	637	75.4	32	4.8	3.4 - 6.3
45-54 YEARS	484	364	75.2	343	71.6	20	5.5	3.4 - 7.6
55-64 YEARS	323	187	58.0	179	55.5	8	4.3	1.7 - 6.9
65 YEARS AND OVER	NA	NA	NA	NA	NA	NA	NA	NA
SINGLE (NEVER MARRIED)	1,411	1,050	74.4	938	66.5	112	10.7	9.0 - 12.4
MARRIED, SPOUSE PRESENT	2,420	1,692	69.9	1,595	65.9	97	5.8	4.8 - 6.8
OTHER MARITAL STATUS (D)	643	407	63.3	387	60.1	21	5.1	3.2 - 7.1

FOR FOOTNOTES (A), (B), (C), AND (D), SEE PAGE 78.

SOURCE: BUREAU OF LABOR STATISTICS, UNPUBLISHED DATA FROM THE CURRENT POPULATION SURVEY, 1988.

TABLE 24

TOTAL POPULATION BY AGE AND SEX
CALIFORNIA 1980

AGE	TOTAL	MALE	FEMALE
TOTAL	23,667,902	11,666,104	12,001,798
0-13	4,770,374	2,439,936	2,330,438
14	372,023	191,886	180,137
15	398,622	203,740	194,882
16	416,824	213,806	203,018
17	425,737	218,937	206,800
18	430,517	220,728	209,789
19	454,679	234,233	220,446
20	471,223	246,139	225,084
21	462,711	239,587	223,124
22-24	1,421,206	725,189	696,017
25-29	2,228,950	1,131,963	1,096,987
30-34	2,038,402	1,022,480	1,015,922
35-44	2,817,615	1,407,383	1,410,232
45-54	2,352,028	1,147,407	1,204,621
55-59	1,210,053	578,265	631,788
60-61	423,593	200,369	223,224
62-64	572,339	268,991	303,348
65 & Over	2,481,606	975,065	1,425,941

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 25

TOTAL POPULATION BY RACE
CALIFORNIA 1980

RACE	POPULATION
TOTAL	23,667,902
WHITE	18,221,353
BLACK	1,818,660
AMERICAN INDIAN, ESKIMO, AND ALEUT	231,702
AMERICAN INDIAN	227,757
ESKIMO	2,194
ALEUT	1,751
ASIAN AND PACIFIC ISLANDER	1,312,973
JAPANESE	268,814
CHINESE	325,882
FILIPINO	358,378
KOREAN	102,582
ASIAN INDIAN	59,774
VIETNAMESE	85,238
HAWAIIAN	24,245
GUAMANIAN	17,009
SAMOAN	18,087
OTHER ASIAN OR PACIFIC ISLANDER	52,964
TOTAL, ALL OTHER (A)	2,083,214

(A) THIS FIGURE INCLUDES ALL PERSONS WHO DID NOT LIST THEMSELVES IN ANY OF THE RACES ABOVE.

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 26

TOTAL POPULATION BY RACE, SEX AND AGE (A)
CALIFORNIA 1980

AGE	TOTAL	WHITE	BLACK	AMERICAN INDIAN, ALASKA NAT.	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL	23,667,902	18,221,353	1,818,660	231,702	1,312,973	2,083,214
0 - 4	1,698,177	1,164,221	155,856	18,956	98,754	260,390
5 - 14	3,444,220	2,446,093	326,377	41,835	207,180	422,735
15 - 59	15,128,567	11,614,054	1,166,326	153,819	884,947	1,309,421
60 - 64	995,932	864,091	55,709	6,342	39,099	30,691
65 & OVER	2,401,006	2,132,894	114,392	10,750	82,993	59,977
MALE	11,666,104	8,947,589	889,931	113,543	643,306	1,071,735
0 - 4	866,763	595,985	78,544	9,601	49,932	132,701
5 - 14	1,765,059	1,253,936	166,093	21,376	108,246	215,408
15 - 59	7,589,957	5,833,675	573,328	75,088	424,343	683,503
60 - 64	469,360	408,417	25,563	3,005	18,172	14,203
65 & OVER	975,065	855,576	46,403	4,553	42,613	25,920
FEMALE	12,001,798	9,273,764	928,729	118,159	669,667	1,011,479
0 - 4	831,414	568,236	77,312	9,355	48,822	127,689
5 - 14	1,679,161	1,192,157	160,284	20,459	98,934	207,327
15 - 59	7,538,710	5,780,379	592,998	78,811	460,604	625,918
60 - 64	526,572	455,674	30,146	3,337	20,927	16,488
65 & OVER	1,425,941	1,277,318	67,989	6,197	40,380	34,057

(A) DATA IN THIS TABLE ARE BASED ON SAMPLE INFORMATION AND MAY DIFFER FROM COMPLETE COUNT DATA ELSEWHERE.

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 27

TOTAL POPULATION BY
ETHNIC ORIGIN, SEX, AND AGE (A)
CALIFORNIA 1980

AGE	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL	23,667,902	4,541,300	19,126,602
0 - 4	1,698,177	543,117	1,155,060
5 - 14	3,444,220	933,227	2,510,993
15 - 59	15,128,567	2,809,784	12,318,783
60 - 64	995,932	85,385	910,547
65 & OVER	2,401,006	169,787	2,231,219
MALE	11,666,104	2,297,687	9,368,417
0 - 4	866,763	276,181	590,582
5 - 14	1,765,059	476,961	1,288,098
15 - 59	7,589,857	1,432,698	6,157,159
60 - 64	469,360	39,816	429,544
65 & OVER	975,065	72,031	903,034
FEMALE	12,001,798	2,243,613	9,758,185
0 - 4	831,414	266,936	564,478
5 - 14	1,679,161	456,266	1,222,895
15 - 59	7,538,710	1,377,086	6,161,624
60 - 64	526,572	45,569	481,003
65 & OVER	1,425,941	97,756	1,328,185

(A) DATA IN THIS TABLE ARE BASED ON SAMPLE INFORMATION AND MAY DIFFER FROM COMPLETE COUNT DATA ELSEWHERE.

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 28

TOTAL POPULATION BY ETHNIC ORIGIN AND RACE
CALIFORNIA 1980

CHARACTERISTICS	POPULATION
TOTAL POPULATION	23,667,902
PERSONS OF HISPANIC ORIGIN	4,541,300
BY RACE	
WHITE	2,370,578
BLACK	34,574
AMERICAN INDIAN, ESKIMO, & ALEUT, AND ASIAN & PACIFIC ISLANDER	112,818
OTHER	2,023,330
BY PLACE OF ORIGIN	
MEXICAN	3,613,167
PUERTO RICAN	93,005
CUBAN	63,797
OTHER HISPANIC	771,331
PERSONS OF OTHER (THAN HISPANIC) ORIGIN	19,126,602
BY RACE	
WHITE	15,850,775
BLACK	1,784,086
AMERICAN INDIAN, ESKIMO, & ALEUT, AND ASIAN & PACIFIC ISLANDER	1,431,857
OTHER	59,884

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 29

TOTAL POPULATION BY SEX AND DETAILED RACE/ETHNIC GROUP
CALIFORNIA 1980

POPULATION GROUP	NUMBER			VERTICAL PERCENT			HORIZONTAL PERCENT		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
POPULATION BY RACE/ETHNICITY									
TOTAL	23,667,902	11,666,104	12,001,798	100.0	100.0	100.0	100.0	49.3	50.7
WHITE, NOT HISPANIC	15,850,775	7,764,489	8,086,286	67.0	66.6	67.4	100.0	49.0	51.0
BLACK, NOT HISPANIC	1,784,086	872,544	911,542	7.5	7.5	7.6	100.0	48.9	51.1
NATIVE AMERICAN, NOT HISPANIC	189,700	92,645	97,055	0.8	0.8	0.8	100.0	48.8	51.2
ASIAN & PAC. ISLANDER, NOT HISP.	1,242,157	608,206	633,951	5.2	5.2	5.3	100.0	49.0	51.0
REMAINING RACES, NOT HISPANIC	59,884	30,533	29,351	0.3	0.3	0.2	100.0	51.0	49.0
HISPANIC, ALL RACES	4,541,300	2,297,687	2,243,613	19.2	19.7	18.7	100.0	50.6	49.4
POP. BY RACE, INCLUDING HISPANIC									
TOTAL	23,667,902	11,666,104	12,001,798	100.0	100.0	100.0	100.0	49.3	50.7
WHITE	18,221,353	8,947,589	9,273,764	77.0	76.7	77.3	100.0	49.1	50.9
BLACK	1,818,660	889,931	928,729	7.7	7.6	7.7	100.0	48.9	51.1
NATIVE AMERICAN	231,702	113,543	118,159	1.0	1.0	1.0	100.0	49.0	51.0
AMERICAN INDIAN	227,757	111,522	116,235	1.0	1.0	1.0	100.0	49.0	51.0
ESKIMO	2,194	1,141	1,053	-	-	-	100.0	52.0	48.0
ALEUT	1,751	880	871	-	-	-	100.0	50.3	49.7
ASIAN & PACIFIC ISLANDER	1,312,973	643,306	669,667	5.5	5.5	5.6	100.0	49.0	51.0
JAPANESE	268,814	125,494	143,320	1.1	1.1	1.2	100.0	46.7	53.3
CHINESE	325,882	163,060	162,822	1.4	1.4	1.4	100.0	50.0	50.0
FILIPINO	358,378	176,018	182,360	1.5	1.5	1.5	100.0	49.1	50.9
KOREAN	102,582	47,074	55,508	0.4	0.4	0.5	100.0	45.9	54.1
ASIAN INDIAN	59,774	30,666	29,108	0.3	0.3	0.2	100.0	51.3	48.7
VIETNAMESE	85,238	44,155	41,083	0.4	0.4	0.3	100.0	51.8	48.2
HAWAIIAN	24,245	12,225	12,020	0.1	0.1	0.1	100.0	50.4	49.6
GUAMANIAN	17,009	8,650	8,359	-	-	-	100.0	50.9	49.1
SAMOAN	18,087	9,097	8,990	-	-	-	100.0	50.3	49.7
OTHER ASIAN & PACIFIC ISLANDER	52,964	26,867	26,097	0.2	0.2	0.2	100.0	50.7	49.3
REMAINING RACES	2,083,214	1,071,735	1,011,479	8.8	9.2	8.4	100.0	51.4	48.6
HISPANIC BY ORIGIN									
TOTAL	4,541,300	2,297,687	2,243,613	19.2	19.7	18.7	100.0	50.6	49.4
MEXICAN	3,613,167	1,847,885	1,765,282	15.3	15.8	14.7	100.0	51.1	48.9
PUERTO RICAN	93,005	47,556	45,449	0.4	0.4	0.4	100.0	51.1	48.9
CUBAN	63,797	31,015	32,782	0.3	0.3	0.3	100.0	48.6	51.4
OTHER HISPANIC	771,331	371,231	400,100	3.3	3.2	3.3	100.0	48.1	51.9
HISPANIC BY RACE									
TOTAL	4,541,300	2,297,687	2,243,613	19.2	19.7	18.7	100.0	50.6	49.4
WHITE	2,370,578	1,183,100	1,187,478	10.0	10.1	9.9	100.0	49.9	50.1
BLACK	34,574	17,387	17,187	0.1	0.1	0.1	100.0	50.3	49.7
NATIVE AMERICAN	42,002	20,898	21,104	0.2	0.2	0.2	100.0	49.8	50.2
ASIAN & PACIFIC ISLANDER	70,816	35,100	35,716	0.3	0.3	0.3	100.0	49.6	50.4
REMAINING RACES	2,023,330	1,041,202	982,128	8.5	8.9	8.2	100.0	51.5	48.5

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 30

TOTAL LABOR FORCE STATUS BY RACE/ETHNICITY, SEX, AND AGE
CALIFORNIA 1980

LABOR FORCE STATUS	TOTAL	WHITE NOT HISPANIC	BLACK NOT HISPANIC	NATIVE AMERICAN NOT HISP	ASIAN/PI NOT HISPANIC	REMAINING RACES NOT HISPANIC	HISPANIC ALL RACES
TOTAL LABOR FORCE	11,649,488	8,129,481	787,996	88,150	833,836	25,100	1,984,925
LABOR FORCE PARTICIPATION RATE	65.1	64.6	63.1	64.1	67.9	64.5	67.4
CIVILIAN LABOR FORCE	11,386,075	7,940,712	750,748	85,351	821,450	24,615	1,963,199
CIV. LABOR FORCE PARTICIPATION RATE	63.6	63.1	60.1	62.0	66.5	63.3	66.7
EMPLOYED	10,640,405	7,506,306	667,639	75,324	793,137	22,858	1,775,141
AT WORK FULL TIME	8,119,255	5,662,438	520,334	57,239	466,715	17,527	1,395,002
PERCENT OF EMPLOYED	76.3	75.4	77.9	76.0	78.7	76.7	78.6
AT WORK PART TIME	2,205,161	1,641,853	119,287	15,283	110,543	4,543	313,732
UNEMPLOYED	745,670	434,406	83,109	10,027	28,313	1,757	188,058
UNEMPLOYMENT RATE	6.5	5.5	11.1	11.7	4.6	7.1	9.6
16-19 YEARS OLD	14.4	13.0	26.2	22.4	9.9	13.5	16.2
20-24 YEARS OLD	9.6	8.3	18.0	15.6	6.2	7.3	11.2
25 YEARS AND OVER	5.2	4.3	8.3	9.7	4.0	6.4	8.2
NOT IN LABOR FORCE	6,477,395	4,634,577	488,310	51,548	303,417	14,284	985,259
INMATE OF INSTITUTION	238,038	176,614	28,170	2,085	3,336	475	27,358
OTHER	6,239,357	4,457,963	460,140	49,463	300,081	13,809	957,901
MALE LABOR FORCE	6,762,588	4,726,907	421,032	50,415	341,596	14,801	1,207,837
LABOR FORCE PARTICIPATION RATE	77.7	77.4	71.1	77.0	76.2	74.4	81.9
CIVILIAN LABOR FORCE	6,517,698	4,551,729	386,803	47,792	329,675	14,334	1,187,365
CIV. LABOR FORCE PARTICIPATION RATE	74.8	74.5	65.3	73.0	73.5	72.0	80.6
EMPLOYED	6,088,529	4,299,499	339,452	41,789	315,584	13,342	1,078,863
AT WORK FULL TIME	5,070,825	3,571,798	280,239	34,332	264,878	11,003	908,575
PERCENT OF EMPLOYED	83.3	83.1	82.6	82.2	83.9	82.5	84.2
AT WORK PART TIME	858,848	625,113	46,380	6,095	43,928	1,981	135,371
UNEMPLOYED	429,169	252,230	47,351	6,003	14,091	992	108,502
UNEMPLOYMENT RATE	6.6	5.5	12.2	12.6	4.3	6.9	9.1
16-19 YEARS OLD	15.6	14.2	28.3	23.4	10.2	15.2	16.8
20-24 YEARS OLD	10.8	9.6	20.3	17.8	6.8	7.4	11.6
25 YEARS AND OVER	5.0	4.2	9.3	10.3	3.5	5.9	7.5
MALES NOT IN LABOR FORCE	2,867,954	1,455,525	193,564	16,737	108,754	5,458	287,916
INMATE OF INSTITUTION	121,986	74,019	22,124	1,687	1,948	354	21,854
OTHER	1,945,968	1,381,506	171,440	15,050	106,806	5,104	266,062

TABLE 30 (CONTINUED)

LABOR FORCE STATUS BY RACE/ETHNICITY, SEX, AND AGE
CALIFORNIA 1980

LABOR FORCE STATUS	TOTAL	WHITE NOT HISPANIC	BLACK NOT HISPANIC	NATIVE AMERICAN NOT HISP	ASIAN/PI NOT HISPANIC	REMAINING RACES NOT HISPANIC	HISPANIC ALL RACES
FEMALE LABOR FORCE	4,886,900	3,402,574	366,964	37,735	292,240	10,299	777,088
LABOR FORCE PARTICIPATION RATE	53.2	52.5	56.0	52.3	60.2	54.2	52.9
CIVILIAN LABOR FORCE	4,868,377	3,388,983	363,945	37,559	291,775	10,281	775,834
CIV. LABOR FORCE PARTICIPATION RATE	53.0	52.3	55.5	52.1	60.1	54.1	52.8
EMPLOYED	4,551,876	3,206,807	328,187	33,535	277,553	9,516	696,278
AT WORK FULL TIME	3,648,430	2,690,640	240,095	22,907	201,837	6,524	486,427
PERCENT OF EMPLOYED	67.0	65.2	73.2	68.3	72.7	68.6	69.9
AT WORK PART TIME	1,346,313	1,016,740	72,827	9,188	66,615	2,582	178,361
UNEMPLOYED	316,501	182,176	35,758	4,024	14,222	765	79,556
UNEMPLOYMENT RATE	6.5	5.4	9.8	10.7	4.9	7.4	10.3
16-19 YEARS OLD	13.2	11.7	24.1	21.3	9.6	11.4	15.4
20-24 YEARS OLD	8.2	6.8	15.7	13.0	5.5	7.2	10.6
25 YEARS AND OVER	5.4	4.4	7.2	9.0	4.4	7.0	9.4
FEMALES NOT IN LABOR FORCE	4,409,441	3,179,052	294,746	34,811	194,663	8,826	697,343
INMATE OF INSTITUTION	116,052	102,595	6,046	398	1,388	121	5,504
OTHER	4,293,389	3,076,457	288,700	34,413	193,275	8,705	691,839

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 31

LABOR FORCE STATUS BY RACE/ETHNICITY, WEEKS WORKED, AND SEX
CALIFORNIA 1980

LABOR FORCE STATUS	TOTAL	WHITE NOT HISPANIC	BLACK NOT HISPANIC	NATIVE AMERICAN NOT HISP	ASIAN/PI NOT HISPANIC	REMAINING RACES NOT HISPANIC	HISPANIC ALL RACES
WORKED IN 1979:							
MALES	7,031,246	4,964,831	430,800	53,338	353,657	15,628	1,213,792
PERCENT OF MALES, BY WEEKS WORKED	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WORKED 50-52 WEEKS	63.3	65.9	57.6	55.5	61.6	56.4	55.3
WORKED 40-49 WEEKS	15.2	14.0	15.7	15.2	16.8	17.0	19.1
WORKED 27-39 WEEKS	7.2	6.7	7.7	9.1	6.5	7.8	9.2
WORKED 14-26 WEEKS	7.8	7.3	9.3	10.8	7.7	9.9	9.1
WORKED 13 WEEKS OR LESS	6.6	6.1	9.7	9.4	7.4	8.8	7.3
FEMALES	5,330,366	3,760,145	381,835	42,591	308,302	11,255	826,238
PERCENT OF FEMALES, BY WEEKS WORKED	100.0	100.0	100.0	100.0	100.0	100.0	100.0
WORKED 50-52 WEEKS	49.4	50.8	50.3	43.8	50.7	47.5	42.7
WORKED 40-49 WEEKS	16.9	16.5	17.6	15.1	19.4	18.0	17.4
WORKED 27-29 WEEKS	10.3	10.1	9.8	11.5	9.1	11.1	11.6
WORKED 14-26 WEEKS	11.9	11.6	10.8	13.7	10.6	11.3	14.2
WORKED 13 WEEKS OR LESS	11.5	11.0	11.6	15.9	10.2	12.0	14.0
UNEMPLOYED IN 1979:							
MALES	1,430,216	892,418	123,985	15,893	71,537	3,969	322,414
PERCENT OF MALES, BY WEEKS UNEMPLOYED	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UNEMPLOYED 1-4 WEEKS	30.3	30.9	23.0	22.6	36.6	28.4	30.6
UNEMPLOYED 5-14 WEEKS	33.9	34.4	31.1	32.1	32.6	33.1	34.0
UNEMPLOYED 15 WEEKS OR MORE	35.8	34.7	45.9	45.3	30.7	38.5	35.4
FEMALES	1,175,966	747,003	107,079	12,383	70,822	3,133	235,546
PERCENT OF FEMALES, BY WEEKS UNEMPLOYED	100.0	100.0	100.0	100.0	100.0	100.0	100.0
UNEMPLOYED 1-4 WEEKS	36.9	39.8	27.4	29.5	39.1	37.1	31.9
UNEMPLOYED 5-14 WEEKS	31.4	31.6	32.5	32.6	30.5	29.7	30.5
UNEMPLOYED 15 WEEKS OR MORE	31.7	28.6	40.1	37.9	30.4	33.2	37.6

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 32

TOTAL CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF TOTAL CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
TOTAL, ALL OCCUPATIONS INCLUDING UNEMPLOYED	11386075	69.74	6.59	17.24	5.45	.74	.21	30.25
MANAGERIAL AND PROFESSIONAL SPECIALTY	2744919	81.88	4.58	7.03	5.77	.54	.17	18.11
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	1309895	82.34	4.21	7.58	5.13	.55	.16	17.65
EXECUTIVE, ADMINISTRATIVE	964999	83.75	3.73	7.36	4.43	.54	.16	16.24
MANAGEMENT RELATED	344896	78.40	5.54	8.18	7.10	.58	.17	21.59
PROFESSIONAL SPECIALTY	1435024	81.47	4.92	6.52	6.35	.52	.18	18.52
ENGINEERS, ARCHITECTS, SURVEYORS	236863	81.60	2.30	5.10	10.39	.39	.20	18.39
MATHEMATICAL AND COMPUTER SCIENTISTS	80940	81.91	3.32	4.85	9.07	.48	.33	18.08
HEALTH DIAGNOSING	82511	83.95	2.99	3.59	9.13	.19	.13	16.04
HEALTH ASSESSMENT AND TREATING	177007	76.55	6.72	5.81	10.07	.60	.23	23.44
TEACHERS, POSTSECONDARY	71378	85.00	3.54	5.83	4.98	.42	.21	14.99
TEACHERS, EXCEPT POSTSECONDARY	350881	81.54	6.19	7.75	3.75	.60	.13	18.45
COUNSELORS, EDUCATIONAL AND VOCATIONAL	21769	70.31	12.36	12.08	4.00	1.14	.08	29.68
LIBRARIANS, ARCHIVISTS, CURATORS	18116	84.01	4.55	5.80	5.06	.32	.23	15.98
SOCIAL SCIENTISTS AND URBAN PLANNERS	29567	86.57	4.50	4.74	3.31	.46	.38	13.42
SOCIAL, RECREATION AND RELIGIOUS WORKERS	84956	71.99	10.89	11.44	4.71	.71	.23	28.00
LAWYERS AND JUDGES	67270	91.09	2.76	3.59	2.02	.35	.17	8.90
WRITERS, ARTISTS, ENTERTAINERS AND ATHLETES	213766	83.92	3.69	7.39	4.21	.61	.15	16.07
TECHNICAL SALES AND ADMINISTRATIVE SUPPORT	3626226	74.54	7.01	11.70	5.87	.65	.20	25.45
TECHNICIANS AND RELATED SUPPORT	365979	74.20	6.54	8.82	9.51	.70	.21	25.79
HEALTH TECHNOLOGISTS AND TECHNICIANS	96666	67.73	11.88	9.13	10.03	.91	.28	32.28
ENGINEERING & RELATED TECHNOLOGISTS & TECHS.	143507	73.65	4.83	10.73	9.94	.64	.18	26.34
TECHS., EXCEPT HEALTH, ENGINEERING & SCIENCE	125806	79.79	4.37	6.41	8.62	.60	.18	20.20
SALES	1209843	80.59	4.33	9.90	4.42	.55	.18	19.40
SUPERVISORS AND PROPRIETORS	182155	81.36	3.14	8.58	6.16	.54	.18	18.63
SALES REPRESENTATIVES, FINANCE & BUS. SERVICES	264192	87.36	3.41	5.20	3.38	.47	.14	12.63
SALES REPS., COMMODITIES EXCEPT RETAIL	144124	86.93	2.74	6.95	2.72	.46	.16	13.06
SALES WORKERS, RETAIL AND PERSONAL SERVICES	616340	75.95	5.44	13.01	4.75	.61	.21	24.04
OTHER SALES RELATED	3032	85.62	4.41	6.92	2.40	.36	.26	14.37
ADMINISTRATIVE SUPPORT	2050404	71.03	8.68	13.27	6.08	.70	.20	28.96
SUPERVISORS, ADMINISTRATIVE SUPPORT	132051	74.55	8.21	11.14	5.33	.60	.14	25.44
COMPUTER EQUIPMENT OPERATORS	50679	65.22	11.33	12.99	9.32	.79	.32	34.77
SECRETARIES, STENOGRAPHERS, TYPISTS	499313	76.83	6.51	11.20	4.57	.65	.19	23.16
INFORMATION CLERKS	117705	73.30	7.84	13.46	4.37	.81	.20	26.69
RECORDS PROCESSING EXCEPT FINANCIAL	124637	66.65	10.11	15.68	6.71	.74	.17	33.34
FINANCIAL RECORDS PROCESSING	275230	78.40	4.85	8.99	6.91	.64	.18	21.59
DUPLICATING AND OTHER OFFICE MACHINE OPRS.	7131	60.63	13.29	15.10	9.17	1.63	.75	39.36

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 32 (CONTINUED)

TOTAL CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF TOTAL CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
COMMUNICATIONS EQUIPMENT OPERATORS	45705	70.99	11.28	13.55	2.83	1.03	.28	29.00
MAIL AND MESSAGE DISTRIBUTING	87584	60.44	17.57	12.74	8.32	.71	.19	39.55
MATERIAL RECORDING AND DIST. CLERKS, N.E.C.	202928	64.95	9.39	19.50	5.16	.76	.20	35.04
ADJUSTERS AND INVESTIGATORS	78335	70.33	10.92	11.97	5.86	.71	.18	29.66
OTHER ADMINISTRATIVE SUPPORT	429106	65.15	10.41	15.71	7.74	.72	.24	34.84
SERVICES	1444204	61.93	9.97	21.08	5.80	.93	.25	38.06
PRIVATE HOUSEHOLDS	70886	45.03	12.65	35.95	5.10	.84	.40	54.96
PROTECTIVE SERVICES	167200	75.70	10.50	10.29	2.30	1.02	.15	24.29
SUPERVISORS, PROTECTIVE SERVICES	13971	85.46	6.07	6.30	1.13	.93	.08	14.53
FIREFIGHTING AND FIRE PREVENTION	26600	84.68	5.00	8.00	.97	1.19	.13	15.31
POLICE AND DETECTIVES	57313	78.74	7.13	11.37	1.69	.89	.16	21.25
GUARDS	69316	67.78	16.30	11.09	3.55	1.09	.17	32.21
SERVICES EXCEPT PROTECTIVE AND HOUSEHOLD	1206118	61.02	9.74	21.70	6.33	.92	.26	38.97
SUPERVISORS, FOOD PREPARATION AND SERVICES	519829	65.01	5.47	20.67	7.71	.85	.26	34.98
HEALTH SERVICES	170484	60.57	15.57	16.48	5.98	1.11	.26	39.42
CLEANING AND BUILDING SERVICES	279156	49.03	15.25	28.90	5.52	.99	.27	50.96
PERSONAL SERVICES	236649	66.70	8.45	19.20	4.52	.85	.24	33.29
FARMING, FORESTRY AND FISHING	346916	44.47	2.56	45.99	5.85	.84	.26	55.52
FARM OPERATORS AND MANAGERS	54123	80.17	.82	11.05	7.30	.46	.17	19.82
FARM OCCUPATIONS, EXCEPT MANAGERIAL	170090	25.27	1.58	67.91	4.29	.65	.28	74.72
RELATED AGRICULTURAL OCCUPATIONS	106832	51.14	4.96	34.45	8.28	.86	.28	48.85
FORESTRY & LOGGING	9749	81.66	3.16	8.25	.70	6.00	.19	18.33
FISHERS, HUNTERS AND TRAPPERS	6122	86.52	2.30	7.59	2.58	.99	.00	13.47
PRECISION PRODUCTION, CRAFT AND REPAIR	1414633	70.69	4.88	19.33	3.95	.91	.21	29.30
SUPERVISORS, MECHANICS AND REPAIRERS	18516	84.03	3.53	9.30	2.45	.62	.04	15.96
VEHICLE & MOBILE EQUIPMENT MECHS. & REPAIRERS	185085	69.92	4.87	19.74	4.34	.91	.19	30.07
INDUSTRIAL MACHINERY REPAIRERS	29102	70.94	4.87	20.09	3.04	.81	.23	29.05
MACHINERY MAINTENANCE	3148	67.31	8.38	19.56	3.20	.98	.54	32.68
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	78436	75.21	5.82	13.84	4.14	.76	.19	24.78
HEATING, AIR CONDITIONING, REFRIGERATION MECHS.	13292	78.71	4.04	14.30	2.48	.41	.03	21.28
OTHER MECHANICS AND REPAIRERS	76990	72.13	5.66	17.38	3.64	.89	.27	27.86
SUPERVISORS, CONSTRUCTION	93059	85.26	2.57	9.93	1.32	.80	.09	14.73
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	413241	74.20	4.51	18.19	1.83	1.04	.19	25.79
EXTRACTIVE OCCUPATIONS	10638	81.75	3.63	11.10	.48	2.65	.39	18.24
PRECISION PRODUCTION OCCUPATIONS	493126	63.41	5.43	23.73	6.31	.84	.25	36.58

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 32 (CONTINUED)

TOTAL CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF TOTAL CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
OPERATORS, FABRICATORS AND LABORERS	1732992	52.29	7.74	33.82	4.91	.95	.25	47.70
MACHINE OPRS., ASSEMBLERS AND INSPECTORS	841488	44.06	6.87	41.01	6.93	.82	.29	55.93
METALWORKING AND PLASTIC WORKING MACHINE OPRS.	54532	48.89	6.24	39.78	3.99	.91	.17	51.10
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	20145	42.96	8.34	43.91	3.53	.84	.39	57.03
WOODWORKING MACHINE OPERATORS	11995	60.38	3.53	31.68	2.65	1.41	.32	39.61
PRINTING MACHINE OPERATORS	45121	69.86	5.79	18.83	4.41	.80	.29	30.13
TEXTILE, APPAREL AND FURNISHINGS MACHINE OPRS.	102853	22.04	5.85	55.02	16.33	.45	.28	77.95
MACHINE OPERATORS, ASSORTED MATERIALS	273658	43.43	6.83	43.80	4.79	.80	.31	56.56
FABRICATORS, ASSEMBLERS & HAND WORKING OCCUPS.	333184	46.55	7.49	37.75	6.97	.92	.28	53.44
TRANSPORTATION AND MATERIAL MOVING	419722	67.13	9.03	20.46	1.92	1.23	.19	32.86
MOTOR VEHICLE OPERATORS	306835	68.32	9.80	18.64	1.89	1.12	.21	31.67
RAIL TRANSPORTATION OCCUPATIONS	10277	80.24	8.66	9.18	1.01	.79	.09	19.75
WATER TRANSPORTATION OCCUPATIONS	6121	79.75	5.29	8.20	5.96	.65	.13	20.24
MATERIAL MOVING EQUIPMENT OPERATORS	96489	61.18	6.86	28.22	1.87	1.68	.17	38.81
HANDLERS, EQUIP. CLEARNERS, HELPERS AND LABORERS	471782	53.78	8.17	32.87	3.97	.93	.24	46.21
UNEMPLOYED, NO CIV. WORK EXPERIENCE SINCE 1975	76185	45.36	18.36	29.07	5.88	.93	.37	54.63

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 33

FEMALE CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF FEMALE CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
TOTAL, ALL OCCUPATIONS INCLUDING UNEMPLOYED	4868377	69.61	7.47	15.93	5.99	.77	.21	30.38
MANAGERIAL AND PROFESSIONAL SPECIALTY	1081680	79.92	6.12	7.40	5.73	.64	.17	20.07
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	450697	80.23	5.66	7.87	5.35	.70	.16	19.76
EXECUTIVE, ADMINISTRATIVE	296071	82.24	5.02	7.55	4.28	.72	.16	17.75
MANAGEMENT RELATED	154626	76.37	6.88	8.49	7.40	.66	.17	23.62
PROFESSIONAL SPECIALTY	630983	79.69	6.44	7.05	6.01	.60	.18	20.30
ENGINEERS, ARCHITECTS, SURVEYORS	14093	77.71	4.98	6.86	9.71	.53	.17	22.28
MATHEMATICAL AND COMPUTER SCIENTISTS	28118	76.46	5.09	5.55	12.65	.61	.22	23.53
HEALTH DIAGNOSING	10357	72.35	4.52	6.78	15.69	.19	.43	27.64
HEALTH ASSESSMENT AND TREATING	149680	77.11	6.68	5.49	9.84	.62	.23	22.88
TEACHERS, POSTSECONDARY	26084	83.72	4.11	6.60	4.88	.54	.11	16.27
TEACHERS, EXCEPT POSTSECONDARY	238626	80.56	6.95	7.81	3.95	.58	.13	19.43
COUNSELORS, EDUCATIONAL AND VOCATIONAL	11802	70.73	12.93	10.73	4.28	1.21	.09	29.26
LIBRARIANS, ARCHIVISTS, CURATORS	13631	85.54	4.35	4.68	4.68	.29	.24	14.45
SOCIAL SCIENTISTS AND URBAN PLANNERS	11848	85.41	5.94	4.71	3.02	.46	.43	14.58
SOCIAL, RECREATION AND RELIGIOUS WORKERS	38191	69.43	12.78	12.43	4.19	.89	.25	30.56
LAWYERS AND JUDGES	11412	85.02	5.49	4.67	4.04	.49	.25	14.97
WRITERS, ARTISTS, ENTERTAINERS AND ATHLETES	85141	85.96	2.93	6.33	4.09	.54	.13	14.03
TECHNICAL SALES AND ADMINISTRATIVE SUPPORT	2292826	74.00	7.46	12.02	5.60	.70	.19	25.99
TECHNICIANS AND RELATED SUPPORT	140416	70.76	9.25	9.06	9.89	.81	.20	29.23
HEALTH TECHNOLOGISTS AND TECHNICIANS	73874	68.06	12.37	8.59	9.81	.91	.22	31.93
ENGINEERING & RELATED TECHNOLOGISTS & TECHS.	29819	70.60	5.58	12.51	10.57	.56	.15	29.39
TECHS., EXCEPT HEALTH, ENGINEERING & SCIENCE	36723	76.30	5.97	7.20	9.49	.80	.21	23.69
SALES	568975	78.69	4.82	11.11	4.52	.64	.18	21.30
SUPERVISORS AND PROPRIETORS	54312	81.93	3.40	8.43	5.38	.65	.19	18.06
SALES REPRESENTATIVES, FINANCE & BUS. SERVICES	102193	86.99	3.57	5.17	3.50	.60	.14	13.00
SALES REPS., COMMODITIES EXCEPT RETAIL	27478	82.65	3.76	8.91	3.72	.73	.21	17.34
SALES WORKERS, RETAIL AND PERSONAL SERVICES	383131	75.70	5.43	13.26	4.74	.65	.19	24.29
OTHER SALES RELATED	1861	87.10	4.72	5.37	1.98	.37	.42	12.89
ADMINISTRATIVE SUPPORT	1583435	72.60	8.24	12.61	5.61	.72	.19	27.39
SUPERVISORS, ADMINISTRATIVE SUPPORT	71649	75.52	8.54	10.22	4.97	.62	.10	24.47
COMPUTER EQUIPMENT OPERATORS	29990	66.97	11.82	12.04	8.11	.70	.33	33.02
SECRETARIES, STENOGRAPHERS, TYPISTS	487510	77.02	6.43	11.18	4.51	.64	.19	22.97
INFORMATION CLERKS	100244	73.95	7.57	13.36	4.05	.84	.20	26.04
RECORDS PROCESSING EXCEPT FINANCIAL	95529	67.64	9.91	15.30	6.22	.76	.14	32.35
FINANCIAL RECORDS PROCESSING	241792	79.84	4.53	8.72	6.08	.65	.15	20.15
DUPLICATING AND OTHER OFFICE MACHINE OPRS.	4446	64.19	12.30	14.23	7.21	1.52	.51	35.80
COMMUNICATIONS EQUIPMENT OPERATORS	40299	72.00	10.99	12.94	2.67	1.09	.30	27.99

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 33 (CONTINUED)

FEMALE CIVILIAN LABOR FORCE
YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF FEMALE CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
MAIL AND MESSAGE DISTRIBUTING	28413	57.81	23.56	11.10	6.49	.82	.20	42.18
MATERIAL RECORDING AND DIST. CLERKS, N.E.C.	75981	68.68	9.03	16.60	4.57	.33	.16	31.31
ADJUSTERS AND INVESTIGATORS	51611	67.16	12.31	13.18	6.39	.80	.14	32.83
OTHER ADMINISTRATIVE SUPPORT	355971	65.43	10.29	15.94	7.34	.73	.24	34.56
SERVICES	791013	64.59	9.79	19.19	5.16	1.00	.24	35.40
PRIVATE HOUSEHOLDS	66005	44.52	12.68	36.72	4.84	.81	.40	55.47
PROTECTIVE SERVICES	19268	69.43	15.04	11.46	2.27	1.53	.24	30.56
SUPERVISORS, PROTECTIVE SERVICES	686	66.90	17.49	11.95	.00	3.64	.00	33.09
FIREFIGHTING AND FIRE PREVENTION	788	83.12	2.41	11.29	.25	2.91	.00	16.87
POLICE AND DETECTIVES	5758	70.14	14.84	12.01	1.51	1.05	.41	29.85
GUARDS	12036	68.34	15.82	11.18	2.89	1.55	.19	31.65
SERVICES EXCEPT PROTECTIVE AND HOUSEHOLD	705740	66.33	9.38	17.76	5.27	1.00	.22	33.66
SUPERVISORS, FOOD PREPARATION AND SERVICES	290448	74.48	5.08	13.82	5.36	1.01	.21	25.51
HEALTH SERVICES	147338	61.05	15.38	16.39	5.76	1.14	.25	38.94
CLEANING AND BUILDING SERVICES	83718	44.22	16.19	31.52	6.67	1.14	.23	55.77
PERSONAL SERVICES	184236	67.77	8.26	18.83	4.11	.80	.20	32.22
FARMING, FORESTRY AND FISHING	64561	39.22	1.86	52.30	5.51	.78	.31	60.77
FARM OPERATORS AND MANAGERS	6719	77.71	2.30	10.07	8.64	1.17	.07	22.28
FARM OCCUPATIONS, EXCEPT MANAGERIAL	37322	20.70	1.48	71.53	5.58	.39	.28	79.29
RELATED AGRICULTURAL OCCUPATIONS	19180	58.82	2.34	32.84	4.50	1.00	.46	41.17
FORESTRY & LOGGING	931	79.59	4.61	4.40	2.04	9.34	.00	20.40
FISHERS, HUNTERS AND TRAPPERS	409	84.84	.00	11.98	3.17	.00	.00	15.15
PRECISION PRODUCTION, CRAFT AND REPAIR	141502	56.44	6.56	26.17	9.53	1.02	.26	43.55
SUPERVISORS, MECHANICS AND REPAIRERS	778	72.10	12.72	9.64	3.98	1.54	.00	27.89
VEHICLE & MOBILE EQUIPMENT MECHS. & REPAIRERS	3144	67.68	12.27	15.52	3.53	.76	.22	32.31
INDUSTRIAL MACHINERY REPAIRERS	983	62.86	8.03	25.02	2.74	1.32	.00	37.13
MACHINERY MAINTENANCE	159	50.94	4.40	35.22	6.28	.00	3.14	49.05
ELECTRICAL AND ELECTRONIC EQUIPMENT REPAIRERS	8305	69.16	10.09	14.64	5.06	.96	.07	30.83
HEATING, AIR CONDITIONING, REFRIGERATION MECHS.	153	79.08	10.45	7.18	3.26	.00	.00	20.91
OTHER MECHANICS AND REPAIRERS	3835	65.86	7.09	19.79	6.02	1.22	.00	34.13
SUPERVISORS, CONSTRUCTION	1997	85.32	3.10	7.56	2.45	1.55	.00	14.67
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	9366	70.15	7.52	17.00	3.21	1.96	.12	29.84
EXTRACTIVE OCCUPATIONS	282	68.79	4.25	16.31	3.19	7.44	.00	31.20
PRECISION PRODUCTION OCCUPATIONS	112500	52.99	6.05	28.79	10.92	.92	.30	47.00

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 33 (CONTINUED)

FEMALE CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF FEMALE CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
OPERATORS, FABRICATORS AND LABORERS	454584	42.22	6.92	40.70	8.96	.89	.27	57.77
MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	327453	37.64	6.58	43.93	10.74	.78	.29	62.35
METALWORKING AND PLASTIC WORKING MACHINE OPRS.	8415	48.16	6.99	39.18	4.43	1.22	.00	51.83
METAL AND PLASTIC PROCESSING MACHINE OPERATORS	3410	47.24	9.03	37.80	4.13	1.34	.43	52.75
WOODWORKING MACHINE OPERATORS	1133	51.27	1.85	37.95	7.14	.97	.79	48.72
PRINTING MACHINE OPERATORS	11724	73.49	4.63	16.65	3.77	.85	.58	26.50
TEXTILE, APPAREL AND FURNISHINGS MACHINE OPRS.	78293	19.03	5.36	55.50	19.43	.39	.26	80.96
MACHINE OPERATORS, ASSORTED MATERIALS	82386	41.31	6.04	45.18	6.19	.97	.26	58.68
FABRICATORS, ASSEMBLERS & HAND WORKING OCCUPS.	142092	41.86	7.68	39.56	9.74	.84	.30	58.13
TRANSPORTATION AND MATERIAL MOVING	33453	71.52	10.98	13.87	1.61	1.84	.16	28.47
MOTOR VEHICLE OPERATORS	28058	74.20	11.72	10.85	1.14	1.87	.19	25.79
RAIL TRANSPORTATION OCCUPATIONS	293	73.37	12.28	9.55	3.07	1.70	.00	26.62
WATER TRANSPORTATION OCCUPATIONS	115	86.95	.00	13.04	.00	.00	.00	13.04
MATERIAL MOVING EQUIPMENT OPERATORS	4987	56.00	6.97	31.08	4.25	1.68	.00	43.99
HANDLERS, EQUIP. CLEANERS, HELPERS AND LABORERS	93678	47.77	6.68	39.00	5.33	.94	.26	52.22
UNEMPLOYED, NO CIV. WORK EXPERIENCE SINCE 1975	42211	46.57	16.97	29.28	5.87	.90	.38	53.42

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 34

MALE CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF MALE CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
TOTAL, ALL OCCUPATIONS INCLUDING UNEMPLOYED	6517698	69.83	5.93	18.21	5.05	.73	.21	30.16
MANAGERIAL AND PROFESSIONAL SPECIALTY	1663239	83.16	3.58	6.79	5.79	.47	.18	16.83
EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL	859198	83.45	3.45	7.42	5.02	.47	.17	16.54
EXECUTIVE, ADMINISTRATIVE	668928	84.41	3.16	7.28	4.49	.46	.17	15.58
MANAGEMENT RELATED	190270	80.05	4.45	7.93	6.86	.52	.17	19.94
PROFESSIONAL SPECIALTY	804041	82.86	3.72	6.11	6.62	.47	.19	17.13
ENGINEERS, ARCHITECTS, SURVEYORS	222770	81.85	2.13	4.99	10.43	.38	.20	18.14
MATHEMATICAL AND COMPUTER SCIENTISTS	60822	83.71	2.74	4.62	8.09	.44	.37	16.28
HEALTH DIAGNOSING	72154	85.61	2.77	3.13	8.19	.19	.08	14.38
HEALTH ASSESSMENT AND TREATING	27327	73.46	6.94	7.54	11.35	.47	.21	26.53
TEACHERS, POSTSECONDARY	45294	85.74	3.20	5.39	5.03	.34	.27	14.25
TEACHERS, EXCEPT POSTSECONDARY	112255	83.62	4.59	7.63	3.34	.65	.14	16.37
COUNSELORS, EDUCATIONAL AND VOCATIONAL	9967	69.82	11.68	13.67	3.66	1.07	.08	30.17
LIBRARIANS, ARCHIVISTS, CURATORS	4485	79.39	5.19	9.18	5.59	.42	.20	20.60
SOCIAL SCIENTISTS AND URBAN PLANNERS	17719	87.35	3.54	4.76	3.50	.46	.35	12.64
SOCIAL, RECREATION AND RELIGIOUS WORKERS	46765	74.08	9.35	10.63	5.13	.57	.21	25.91
LAWYERS AND JUDGES	55858	92.33	2.20	3.36	1.60	.32	.15	7.66
WRITERS, ARTISTS, ENTERTAINERS AND ATHLETES	128625	82.58	4.19	8.09	4.30	.65	.16	17.41
TECHNICAL SALES AND ADMINISTRATIVE SUPPORT	1333400	75.47	6.25	11.14	6.33	.56	.21	24.52
TECHNICIANS AND RELATED SUPPORT	225563	76.34	4.84	8.67	9.28	.63	.21	23.65
HEALTH TECHNOLOGISTS AND TECHNICIANS	22792	66.64	10.32	10.88	10.74	.93	.46	33.35
ENGINEERING & RELATED TECHNOLOGISTS & TECHS.	113688	74.45	4.63	10.26	9.78	.66	.19	25.54
TECHS, EXCEPT HEALTH, ENGINEERING & SCIENCE	89083	81.22	3.72	6.08	8.27	.51	.17	18.77
SALES	340868	82.27	3.89	8.83	4.32	.47	.19	17.72
SUPERVISORS AND PROPRIETORS	127843	81.12	3.04	8.65	6.50	.49	.18	16.87
SALES REPRESENTATIVES, FINANCE & BUS. SERVICES	161999	87.60	3.31	5.23	3.31	.40	.13	12.39
SALES REPS, COMMODITIES EXCEPT RETAIL	116646	87.94	2.50	6.49	2.49	.39	.15	12.05
SALES WORKERS, RETAIL AND PERSONAL SERVICES	233209	76.36	5.45	12.61	4.76	.55	.24	23.63
OTHER SALES RELATED	1171	83.26	3.92	9.39	3.07	.34	.60	16.73
ADMINISTRATIVE SUPPORT	466969	65.72	10.18	15.51	7.67	.66	.24	34.27
SUPERVISORS, ADMINISTRATIVE SUPPORT	60402	73.39	7.81	12.24	5.76	.58	.19	26.60
COMPUTER EQUIPMENT OPERATORS	20689	62.67	10.62	14.36	11.07	.92	.32	37.32
SECRETARIES, STENOGRAPHERS, TYPISTS	11803	69.27	10.01	12.48	7.13	1.03	.14	30.72
INFORMATION CLERKS	17461	69.53	9.40	14.08	6.17	.61	.18	30.46
RECORDS PROCESSING EXCEPT FINANCIAL	29108	63.40	10.78	16.57	8.31	.68	.24	36.59
FINANCIAL RECORDS PROCESSING	33438	67.96	7.18	19.96	12.92	.56	.39	32.03
DUPLICATING AND OTHER OFFICE MACHINE OPRS.	2685	54.74	14.93	16.53	12.40	.22	1.15	45.25

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 34 (CONTINUED)

MALE CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF MALE CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
COMMUNICATIONS EQUIPMENT OPERATORS	5406	63.52	13.46	18.09	4.06	.64	.20	36.47
MAIL AND MESSAGE DISTRIBUTING	59171	61.70	14.69	13.53	9.20	.66	.19	38.29
MATERIAL RECORDING AND DIST. CLERKS, N.E.C.	126947	62.72	9.61	21.24	5.52	.66	.23	37.27
ADJUSTERS AND INVESTIGATORS	26724	76.47	8.23	9.63	4.83	.56	.25	23.52
OTHER ADMINISTRATIVE SUPPORT	73135	63.75	10.98	14.61	9.70	.70	.23	36.24
SERVICES	653191	58.72	10.19	23.36	6.58	.85	.27	41.27
PRIVATE HOUSEHOLDS	4881	51.89	12.25	25.56	8.68	1.14	.45	48.10
PROTECTIVE SERVICES	147932	76.52	9.91	10.14	2.30	.96	.14	23.47
SUPERVISORS, PROTECTIVE SERVICES	13285	86.42	5.48	6.01	1.18	.79	.09	13.57
FIREFIGHTING AND FIRE PREVENTION	25812	84.72	5.08	7.90	.99	1.13	.14	15.27
POLICE AND DETECTIVES	51555	79.70	6.26	11.30	1.71	.87	.13	20.29
GUARDS	57280	67.66	16.40	11.07	3.68	1.00	.16	32.33
SERVICES EXCEPT PROTECTIVE AND HOUSEHOLD	500378	53.52	10.26	27.24	7.83	.81	.31	46.47
SUPERVISORS, FOOD PREPARATION AND SERVICES	229381	53.03	5.95	29.35	10.67	.65	.32	46.96
HEALTH SERVICES	23146	57.57	16.76	17.06	7.38	.94	.27	42.42
CLEANING AND BUILDING SERVICES	195438	51.09	14.85	27.78	5.03	.93	.28	48.90
PERSONAL SERVICES	52413	62.96	9.13	20.50	5.97	1.02	.39	37.03
FARMING, FORESTRY AND FISHING	282355	45.67	2.72	44.55	5.93	.85	.25	54.32
FARM OPERATORS AND MANAGERS	47404	80.52	.61	11.19	7.11	.35	.19	19.47
FARM OCCUPATIONS, EXCEPT MANAGERIAL	132768	26.55	1.61	66.89	3.92	.72	.28	73.44
RELATED AGRICULTURAL OCCUPATIONS	87652	49.46	5.53	34.80	9.10	.83	.25	50.53
FORESTRY & LOGGING	8818	81.88	3.01	8.66	.56	5.64	.21	18.11
FISHERS, HUNTERS AND TRAPPERS	5713	86.64	2.46	7.28	2.53	1.06	.00	13.35
PRECISION PRODUCTION, CRAFT AND REPAIR	1273131	72.28	4.69	18.57	3.33	.90	.20	27.71
SUPERVISORS, MECHANICS AND REPAIRERS	17738	84.55	3.13	9.29	2.38	.58	.04	15.44
VEHICLE & MOBILE EQUIP. MECHANICS & REPAIRERS	181941	69.96	4.74	19.81	4.36	.91	.19	30.03
INDUSTRIAL MACHINERY REPAIRERS	28119	71.22	4.76	19.91	3.05	.79	.23	28.77
MACHINERY MAINTENANCE	2989	68.18	8.59	18.73	3.04	1.03	.40	31.81
ELECTRICAL AND ELECTRONIC EQUIP. REPAIRERS	70131	75.93	5.32	13.75	4.03	.73	.21	24.06
HEATING, AIR CONDITIONING, REFRIGERATION MECHS.	13139	78.71	3.97	14.38	2.47	.41	.03	21.28
OTHER MECHANICS AND REPAIRERS	73155	72.46	5.59	17.25	3.52	.87	.20	27.53
SUPERVISORS, CONSTRUCTION	91062	85.26	2.56	9.99	1.30	.78	.09	14.73
CONSTRUCTION TRADES, EXCEPT SUPERVISORS	403875	74.29	4.44	18.22	1.80	1.02	.19	25.70
EXTRACTIVE OCCUPATIONS	10356	82.10	3.62	10.95	.38	2.52	.40	17.89
PRECISION PRODUCTION OCCUPATIONS	380628	66.49	5.25	22.23	4.95	.82	.23	33.50

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 34 (CONTINUED)

MALE CIVILIAN LABOR FORCE
16 YEARS AND OVER BY RACE/ETHNICITY AND OCCUPATION
CALIFORNIA 1980

OCCUPATION	TOTAL NUMBER	PERCENT OF MALE CIVILIAN LABOR FORCE						
		WHITE NOT HISPANIC	BLACK NOT HISPANIC	HISPANIC ALL RACES	ASIAN AND PAC ISL. NOT HISPANIC	NATIVE AMERICAN NOT HISPANIC	OTHER RACES NOT HISPANIC	TOTAL MINORITY
OPERATORS, FABRICATORS AND LABORERS	1278408	55.87	8.04	31.37	3.48	.97	.24	44.12
MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	514035	48.14	7.05	39.15	4.50	.85	.29	51.85
METALWORKING AND PLASTIC WORKING MACHINE OPRS.	46117	49.03	6.11	39.88	3.91	.85	.20	50.96
METAL AND PLASTIC PROCESSING MACHINE OPRS.	16735	42.09	8.20	45.15	3.41	.74	.38	57.90
WOODWORKING MACHINE OPERATORS	10862	61.33	3.71	31.03	2.18	1.46	.27	38.66
PRINTING MACHINE OPERATORS	33397	68.58	6.20	19.60	4.63	.78	.18	31.41
TEXTILE, APPAREL AND FURNISHINGS MACHINE OPRS.	24560	31.64	7.38	53.51	6.46	.63	.34	68.35
MACHINE OPERATORS, ASSORTED MATERIALS	191272	44.35	7.17	43.20	4.19	.73	.32	55.64
FABRICATORS, ASSEMBLERS & HAND WORKING OCCUPS.	191092	50.05	7.35	36.41	4.91	.98	.27	49.94
TRANSPORTATION AND MATERIAL MOVING	386269	66.75	8.86	21.03	1.95	1.18	.20	33.24
MOTOR VEHICLE OPERATORS	278777	67.73	9.61	19.43	1.96	1.04	.21	32.26
RAIL TRANSPORTATION OCCUPATIONS	9984	80.44	8.55	9.17	.95	.77	.10	19.55
WATER TRANSPORTATION OCCUPATIONS	6006	79.62	5.39	8.10	6.07	.66	.13	20.37
MATERIAL MOVING EQUIPMENT OPERATORS	91502	61.46	6.85	28.06	1.74	1.68	.18	38.53
HANDLERS, EQUIP. CLEANERS, HELPERS AND LABORERS	378104	55.27	8.54	31.35	3.64	.93	.23	44.72
UNEMPLOYED, NO CIV. WORK EXPERIENCE SINCE 1975	33974	43.86	20.09	28.81	5.89	.97	.35	56.13

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 35

LABOR FORCE STATUS BY RACE AND SEX
FOR PERSONS 16 YEARS OLD AND OVER (A)
CALIFORNIA 1980

LABOR FORCE STATUS	TOTAL	WHITE	BLACK	AMERICAN INDIAN, ALASKA NAT.	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL LABOR FORCE	11,649,488	9,166,912	801,575	105,634	668,477	906,890
ARMED FORCES	263,413	196,082	37,891	3,134	14,413	11,893
CIV LABOR FORCE	11,386,075	8,970,830	763,684	102,500	654,064	894,997
EMPLOYED	10,640,405	8,447,610	679,044	98,437	623,977	799,337
UNEMPLOYED	745,670	523,220	84,640	12,063	30,087	95,660
UNEMPLOYMENT RATE	6.5	5.8	11.1	11.8	4.6	10.7
TOTAL NOT IN LABOR FORCE	6,477,395	5,155,019	495,629	68,309	316,716	449,722
MALE LABOR FORCE	6,762,588	5,347,696	428,643	68,455	368,073	565,721
ARMED FORCES	244,890	182,012	34,819	2,929	13,855	11,275
CIV LABOR FORCE	6,517,698	5,165,684	393,824	57,526	346,218	554,446
EMPLOYED	6,088,529	4,862,867	345,618	50,302	331,186	498,556
UNEMPLOYED	429,169	302,817	48,206	7,224	15,032	55,890
UNEMPLOYMENT RATE	6.6	5.9	12.2	12.6	4.3	10.1
MALES NOT IN LABOR FORCE	2,067,954	1,602,353	196,428	19,727	113,739	135,715
FEMALE LABOR FORCE	4,886,900	3,819,216	372,932	45,179	308,404	341,169
ARMED FORCES	18,523	14,070	3,072	205	558	618
CIV LABOR FORCE	4,868,377	3,805,146	369,860	44,974	307,846	340,551
EMPLOYED	4,551,876	3,584,743	333,426	40,135	292,791	300,781
UNEMPLOYED	316,501	220,403	36,434	4,839	15,055	39,770
UNEMPLOYMENT RATE	6.5	5.8	9.9	10.8	4.9	11.7
FEMALES NOT IN LABOR FORCE	4,409,441	3,552,658	299,209	40,582	202,977	314,007

(A) DATA IN THIS TABLE ARE BASED ON SAMPLE INFORMATION AND MAY DIFFER FROM COMPLETE COUNT DATA ELSEWHERE.

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 36

LABOR FORCE STATUS BY ETHNIC ORIGIN AND SEX
FOR PERSONS 16 YEARS OLD AND OVER (A)
CALIFORNIA 1980

LABOR FORCE STATUS	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL LABOR FORCE	11,649,488	1,984,925	9,664,563
ARMED FORCES	263,413	21,726	241,687
CIV LABOR FORCE	11,386,075	1,963,199	9,422,876
EMPLOYED	10,640,405	1,775,141	8,865,264
UNEMPLOYED	745,670	188,058	557,612
UNEMPLOYMENT RATE	6.5	9.6	5.9
TOTAL NOT IN LABOR FORCE	6,477,395	985,259	5,492,136
MALE LABOR FORCE	6,762,588	1,207,837	5,554,751
ARMED FORCES	244,890	20,472	224,418
CIV LABOR FORCE	6,517,698	1,187,365	5,330,333
EMPLOYED	6,088,529	1,078,863	5,009,666
UNEMPLOYED	429,169	108,502	320,667
UNEMPLOYMENT RATE	6.6	9.1	6.0
MALES NOT IN LABOR FORCE	2,067,954	287,916	1,780,038
FEMALE TOTAL LABOR FORCE	4,886,900	777,088	4,109,812
ARMED FORCES	18,523	1,254	17,269
CIV LABOR FORCE	4,868,377	775,834	4,092,543
EMPLOYED	4,551,876	696,278	3,855,598
UNEMPLOYED	316,501	79,556	236,945
UNEMPLOYMENT RATE	6.5	10.3	5.8
FEMALES NOT IN LABOR FORCE	4,409,441	697,343	3,712,098

(A) DATA IN THIS TABLE ARE BASED ON SAMPLE INFORMATION AND MAY DIFFER FROM COMPLETE COUNT DATA ELSEWHERE

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 37

LABOR FORCE STATUS BY RACE/ETHNICITY AND DISABILITY STATUS
CALIFORNIA 1980

LABOR FORCE STATUS	TOTAL	WHITE NOT HISPANIC	BLACK NOT HISPANIC	NATIVE AMERICAN NOT HISP	ASIAN/PI NOT HISPANIC	REMAINING RACES NOT HISPANIC	HISPANIC ALL RACES
TOTAL NONINSTITUTIONAL PERSONS 16-64 YEARS	15,610,807	10,672,203	1,139,450	128,323	856,632	36,468	2,777,731
WITH A WORK DISABILITY	1,279,189	902,083	140,985	19,152	34,183	2,352	180,434
PERCENT, NONINSTITUTIONAL PERSONS 16-64 YRS	8.2	8.5	12.4	14.9	4.0	6.4	6.5
IN LABOR FORCE	494,461	361,720	41,455	7,644	14,997	958	67,687
PERCENT OF TOTAL LABOR FORCE	4.4	4.6	5.3	8.8	2.4	3.9	3.4
NOT IN LABOR FORCE	784,728	540,363	99,530	11,508	19,186	1,394	112,747
PREVENTED FROM WORKING	647,082	438,898	87,439	9,545	14,658	1,182	95,360
NOT PREVENTED FROM WORKING	137,646	101,465	12,091	1,963	4,528	212	17,387
NONINSTITUTIONAL FEMALES 16-64 YEARS	7,844,904	5,347,949	591,260	66,714	447,627	17,513	1,373,841
WITH A WORK DISABILITY	624,780	432,100	74,516	9,711	18,057	1,084	89,312
PERCENT, NONINSTITUTIONAL FEMALES 16-64 YRS	8.0	8.1	12.6	14.6	4.0	6.2	6.5
IN LABOR FORCE	172,494	123,192	17,240	2,865	6,164	302	22,731
PERCENT OF FEMALE LABOR FORCE	3.6	3.7	4.8	7.7	2.1	3.0	3.0
NOT IN LABOR FORCE	452,286	308,908	57,276	6,846	11,893	782	66,581
PREVENTED FROM WORKING	363,532	242,936	50,196	5,509	9,025	686	55,180
NOT PREVENTED FROM WORKING	88,754	65,972	7,080	1,337	2,868	96	11,401

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 38

SCHOOL AND LABOR FORCE STATUS
OF YOUTH 16-19 YEARS OLD
CALIFORNIA 1980

LABOR FORCE STATUS	NUMBER
TOTAL YOUTH	1,727,757
NUMBER IN ARMED FORCES	39,787
NUMBER IN SCHOOL	1,188,429
NOT IN SCHOOL	499,541
HIGH SCHOOL GRADUATES	
LABOR FORCE	200,245
EMPLOYED	174,063
UNEMPLOYED	26,182
UNEMPLOYMENT RATE	13.1
NOT IN LABOR FORCE	51,902
NOT HIGH SCHOOL GRADUATES	
LABOR FORCE	147,357
EMPLOYED	111,169
UNEMPLOYED	36,188
UNEMPLOYMENT RATE	24.6
NOT IN LABOR FORCE	100,037

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 39

YEARS OF SCHOOL COMPLETED BY RACE
PERSONS 25 YEARS AND OVER
CALIFORNIA 1980

YEARS COMPLETED	TOTAL	WHITE	BLACK	AMER INDIAN ESK & ALEUT	ASIAN & PAC ISL	OTHER
TOTAL	14,043,986	11,328,655	936,970	119,549	767,274	891,538
ELEMENTARY	1,995,944	1,310,434	137,073	17,665	118,072	412,700
HIGH SCHOOL 1-3 YEARS	1,728,792	1,340,844	158,042	23,384	63,444	143,078
HIGH SCHOOL 4 YEARS	4,415,732	3,705,472	296,334	39,118	185,808	188,400
COLLEGE 1-3 YEARS	3,150,653	2,618,371	239,409	27,619	161,309	103,945
COLLEGE 4 YEARS	2,752,865	2,353,534	105,512	11,763	238,641	43,415

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 40

YEARS OF SCHOOL COMPLETED BY ETHNICITY
PERSONS 25 YEARS AND OVER
CALIFORNIA 1980

YEARS COMPLETED	TOTAL	PERSONS OF HISPANIC ORIGIN	PERSONS OF OTHER THAN HISPANIC ORIGIN
TOTAL	14,043,986	2,037,978	12,006,008
ELEMENTARY	1,995,944	822,117	1,173,827
HIGH SCHOOL 1-3 YEARS	1,728,792	327,526	1,401,266
HIGH SCHOOL 4 YEARS	4,415,732	480,854	3,934,878
COLLEGE 1-3 YEARS	3,150,653	276,438	2,874,215
COLLEGE 4 YEARS	2,752,865	131,043	2,621,822

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 41

PART-TIME WORKERS BY STATUS (A)
CALIFORNIA 1975-1988

YEAR	EMPLOYED PART-TIME FOR ECONOMIC REASONS (B)	EMPLOYED PART-TIME VOLUNTARILY	UNEMPLOYED LOOKING FOR PART-TIME WORK
1975	401,000	1,238,000	167,000
1976	390,000	1,314,000	186,000
1977	422,000	1,372,000	177,000
1978	403,000	1,433,000	165,000
1979	421,000	1,429,000	157,000
1980	443,000	1,528,000	149,000
1981	541,000	1,553,000	158,000
1982	696,000	1,576,000	190,000
1983	685,000	1,577,000	184,000
1984	639,000	1,603,000	171,000
1985	625,000	1,668,000	176,000
1986	620,000	1,642,000	166,000
1987	616,000	1,787,000	156,000
1988	645,000	1,817,000	141,000

(A) PART-TIME WORK IS DEFINED AS LESS THAN 35 HOURS PER WEEK.

(B) PART-TIME WORKERS FOR ECONOMIC REASONS ARE MEMBERS OF THE FULL-TIME LABOR FORCE WHO WORK PART-TIME BECAUSE IT WAS THE ONLY WORK THEY COULD FIND OR THEIR FIRM DOESN'T HAVE ENOUGH WORK TO KEEP THEM ON A FULL-TIME SCHEDULE.

SOURCE: GEOGRAPHIC PROFILES OF EMPLOYMENT AND UNEMPLOYMENT, BUREAU OF LABOR STATISTICS, U.S. DEPARTMENT OF LABOR, CURRENT POPULATION SURVEY DATA.

TABLE 42

PUBLIC ASSISTANCE RECIPIENTS BY PROGRAM

JUNE 1985–1987

CALIFORNIA

RECIPIENTS BY PROGRAM	1985	1986	1987
AID TO FAMILIES WITH DEPENDENT CHILDREN (A)	1,657,517	1,681,033	1,743,814
ADULTS	548,113	544,843	559,379
CHILDREN	1,109,404	1,136,990	1,184,435
FOOD STAMPS (B)	1,600,571	1,626,455	1,331,115
GENERAL RELIEF	64,725	72,652	79,378
REFUGEE CASH ASSISTANCE (C)	8,483	7,693	6,579

(A) INCLUDES CHILDREN IN THE FAMILY GROUPS, UNEMPLOYED CASES, AND FOSTER CARE.

(B) INCLUDES THOSE PERSONS RECEIVING PUBLIC ASSISTANCE PAYMENTS AND THOSE NOT RECEIVING PUBLIC ASSISTANCE PAYMENTS.

(C) EXCLUDES AFDC RECIPIENTS.

SOURCE: PUBLIC WELFARE IN CALIFORNIA, DEPARTMENT OF SOCIAL SERVICES.

TABLE 43

AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC)
CHARACTERISTICS OF RECIPIENTS 16 YEARS AND OVER

JUNE 1985-1987

CALIFORNIA

CHARACTERISTICS	1985	1986	1987
TOTAL RECIPIENTS 16+ (A)	661,230	670,610	695,660
MALE	136,710	138,650	143,830
FEMALE	524,520	531,960	551,830
16 - 21	177,240	179,750	186,470
22 - 44	441,330	447,600	464,310
45 - 54	32,340	32,790	34,020
55 +	10,320	10,470	10,860
WHITE, (NOT HISPANIC)	238,210	241,240	250,980
BLACK, (NOT HISPANIC)	164,050	160,930	166,560
HISPANIC	195,970	203,710	209,240
ASIAN AND PACIFIC ISLANDER	55,150	56,490	60,010
AMERICAN INDIAN	5,180	5,440	5,840
FILIPINO	2,670	2,810	3,020

(A) INCLUDES CHILDREN IN FAMILY GROUPS, UNEMPLOYED CASES, AND FOSTER CARE.

NOTE: PARTS MAY NOT ADD TO TOTALS BECAUSE OF INDEPENDENT ROUNDING.

SOURCE: TOTAL FIGURE IS FROM PUBLIC WELFARE IN CALIFORNIA, DEPARTMENT OF SOCIAL SERVICES. PROPORTIONS BY SEX, AGE, AND ETHNICITY ARE EMPLOYMENT DEVELOPMENT DEPARTMENT ESTIMATES.

TABLE 44

SUPPLEMENTAL SECURITY INCOME (SSI)
RECIPIENTS BY PROGRAM

DECEMBER 1985-1987

CALIFORNIA

PROGRAM	1985	1986	1987
TOTAL RECIPIENTS	684,106	710,575	749,748
AGED	268,065	273,812	285,158
BLIND	19,568	20,221	20,688
ADULTS	18,260	18,849	19,304
CHILDREN (A)	1,306	1,372	1,384
DISABLED	396,475	416,542	443,902
ADULTS	372,551	391,234	418,013
CHILDREN (A)	23,924	24,988	25,889

(A) INDIVIDUALS UNDER 18 YEARS OF AGE.

SOURCE: SUPPLEMENTAL SECURITY INCOME, STATE AND COUNTY DATA, SOCIAL SECURITY ADMINISTRATION, OFFICE OF RESEARCH AND STATISTICS, JUNE 1988

TABLE 45

POVERTY STATUS BY RACE
CALIFORNIA 1980

POVERTY STATUS	TOTAL	WHITE	BLACK	AMERICAN INDIAN, ALASKA NAT	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL	23,106,594	17,801,156	1,750,502	224,833	1,289,782	2,040,321
ABOVE POVERTY	20,480,411	16,225,687	1,357,024	184,485	1,130,218	1,582,997
BELOW POVERTY	2,626,183	1,575,469	393,478	40,348	159,564	457,324
PERCENT BELOW POVERTY	11.4%	8.9%	22.5%	17.9%	12.4%	22.4%

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 46

POVERTY STATUS BY ETHNIC ORIGIN
CALIFORNIA 1980

POVERTY STATUS	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL	23,106,594	4,467,296	18,639,298
ABOVE POVERTY	20,480,411	3,613,098	16,867,313
BELOW POVERTY	2,626,183	854,198	1,771,985
PERCENT BELOW POVERTY	11.4%	19.1%	9.5%

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 47

RATIO OF PERSONAL INCOME TO POVERTY
CALIFORNIA 1980

PERSONAL INCOME LEVEL	PERSONS	PERCENT OF TOTAL
TOTAL	23,106,594	100.0
BELOW 75% OF POVERTY	1,737,326	7.5
BETWEEN 75 AND 124% OF POVERTY	1,955,665	8.5
BETWEEN 125 AND 149% OF POVERTY	1,088,293	4.7
BETWEEN 150 AND 199% OF POVERTY	2,150,395	9.3
200% OF POVERTY LEVEL AND ABOVE	16,174,915	70.0

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 48

FAMILIES BY PRESENCE OF CHILDREN AND POVERTY STATUS
CALIFORNIA 1980

FAMILY POVERTY STATUS	ALL FAMILIES	FEMALE-HEADED FAMILIES
	5,978,684	883,177
ABOVE POVERTY	5,457,035	652,715
CHILDREN AGED 0-5 AND 6-17	536,397	49,399
CHILDREN AGED 0-5 ONLY	697,147	66,082
CHILDREN AGED 6-17 ONLY	1,579,166	295,625
NO CHILDREN	2,644,325	241,609
BELOW POVERTY	521,649	230,462
CHILDREN AGED 0-5 AND 6-17	123,411	55,814
CHILDREN AGED 0-5 ONLY	119,801	56,408
CHILDREN AGED 6-17 ONLY	169,159	98,219
NO CHILDREN	108,678	20,921

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 49

INCOME BY HOUSEHOLDS AND FAMILIES
CALIFORNIA 1980

INCOME	HOUSEHOLDS	FAMILIES
TOTAL	8,644,633	5,978,084
$ 0 - 2,499	352,113	170,810
$ 2,500 - 4,999	638,480	207,432
$ 5,000 - 7,499	625,996	328,924
$ 7,500 - 9,999	653,526	393,026
$10,000 - 12,499	705,612	434,909
$12,500 - 14,999	573,611	381,850
$15,000 - 17,499	613,721	419,954
$17,500 - 19,999	532,486	384,407
$20,000 - 22,499	584,489	434,320
$22,500 - 24,999	460,560	363,345
$25,000 - 27,499	458,063	369,077
$27,500 - 29,999	353,390	294,698
$30,000 - 34,999	617,619	522,983
$35,000 - 39,999	428,937	369,584
$40,000 - 49,999	494,764	428,836
$50,000 - 74,999	379,955	327,325
$75,000 OR MORE	171,391	146,686

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 50

FAMILY INCOME BY RACE
CALIFORNIA 1980

INCOME	TOTAL	WHITE	BLACK	AMERICAN INDIAN, ALASKA NAT	ASIAN AND PACIFIC ISLANDER	OTHER
TOTAL	5,978,084	4,753,164	430,983	54,633	295,582	443,722
$ 0 - 4,999	378,242	238,592	64,041	5,800	20,290	49,519
$ 5,000 - 7,499	328,924	227,412	42,126	4,949	12,951	41,486
$ 7,500 - 9,999	393,026	286,255	40,805	4,648	15,693	45,625
$10,000 - 14,999	816,759	615,121	69,885	9,179	33,852	88,722
$15,000 - 19,999	804,361	628,693	57,914	7,933	36,371	73,450
$20,000 - 24,999	797,665	647,709	47,137	6,875	40,598	55,346
$25,000 - 34,999	1,186,756	994,585	61,640	8,860	63,636	58,035
$35,000 - 49,999	798,340	687,593	35,220	4,680	47,500	23,347
$50,000 OR MORE	474,011	427,204	12,215	1,709	24,691	8,192

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 51

FAMILY INCOME BY ETHNIC ORIGIN
CALIFORNIA 1980

INCOME	TOTAL	HISPANIC ORIGIN	OTHER (THAN HISPANIC) ORIGIN
TOTAL	5,978,084	976,474	5,001,610
$ 0 - 4,999	378,242	96,354	281,888
$5,000 - 7,499	328,924	81,248	247,676
$7,500 - 9,999	393,026	91,083	301,943
$10,000 - 14,999	816,759	182,209	634,550
$15,000 - 19,999	804,361	157,321	647,040
$20,000 - 24,999	797,665	129,066	668,599
$25,000 - 34,999	1,186,756	146,998	1,039,760
$35,000 - 49,999	798,340	67,157	731,183
$50,000 OR MORE	474,011	25,040	448,971

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 52

HOUSEHOLD TYPE BY RACE/ETHNICITY
CALIFORNIA 1980

HOUSEHOLD TYPE	TOTAL	WHITE	BLACK	AMER IND ESK & ALEUT	ASIAN & PAC ISL	OTHER
TOTAL HOUSEHOLDS	8,644,633	7,012,406	635,625	75,532	385,584	535,486
MARRIED COUPLE W/ CHILDREN	2,397,163	1,823,008	141,956	23,576	155,733	252,890
MARRIED COUPLE W/O CHILDREN	2,435,399	2,143,743	103,975	15,572	91,698	80,211
MALE HOUSEHOLDER W/ CHILDREN	110,153	77,218	14,309	1,816	3,907	12,903
MALE HOUSEHOLDER W/O CHILDREN	152,192	107,446	13,601	1,335	11,636	18,174
FEMALE HOUSEHOLDER W/ CHILDREN	570,701	371,003	115,871	9,055	16,959	57,813
FEMALE HOUSEHOLDER W/O CHILDREN	312,476	230,746	41,271	3,279	15,449	21,731
NON-FAMILY HOUSEHOLD	2,666,549	2,259,242	204,642	20,899	90,002	91,764

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 53

HOUSEHOLD TYPE BY ETHNIC ORIGIN
CALIFORNIA 1980

HOUSEHOLD TYPE	TOTAL	PERSONS OF HISPANIC ORIGIN	PERSONS OF OTHER THAN HISPANIC ORIGIN
TOTAL HOUSEHOLDS	8,644,633	1,192,809	7,451,824
MARRIED COUPLE W/ CHILDREN	2,397,163	535,696	1,861,467
MARRIED COUPLE W/O CHILDREN	2,435,399	211,311	2,224,088
MALE HOUSEHOLDER W/ CHILDREN	110,153	25,392	84,761
MALE HOUSEHOLDER W/O CHILDREN	152,192	36,915	115,277
FEMALE HOUSEHOLDER W/ CHILDREN	570,701	118,151	452,550
FEMALE HOUSEHOLDER W/O CHILDREN	312,476	49,009	263,467
NON-FAMILY HOUSEHOLD	2,666,549	216,335	2,450,214

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 54

PRIMARY LANGUAGE SPOKEN AT HOME
AND ABILITY TO SPEAK ENGLISH
CALIFORNIA 1980

PRIMARY LANGUAGE	TOTAL	PERSONS 5 TO 17 YEARS	PERSONS 18 YEARS AND OLDER
TOTAL	21,969,725	4,685,403	17,284,322
ENGLISH	18,995,261	3,609,303	13,385,958
SPANISH	3,134,915	804,654	2,330,261
ENGLISH SPOKEN WELL	2,195,035	644,572	1,550,463
ENGLISH NOT SPOKEN WELL	939,880	160,082	779,798
OTHER LANGUAGE	1,839,549	271,446	1,568,103
ENGLISH SPOKEN WELL	1,525,398	226,469	1,298,929
ENGLISH NOT SPOKEN WELL	314,151	44,977	269,174

SOURCE: U. S. DEPARTMENT OF COMMERCE, 1980 CENSUS

TABLE 55

FELONS NEWLY COMMITTED FROM COUNTY SUPERIOR COURT
BY SEX

1985–1987

CALIFORNIA

FELONS	1985	1986	1987
TOTAL	25,585	29,256	32,912
MALE	23,638	26,928	30,220
FEMALE	1,947	2,328	2,692

SOURCE: CALIFORNIA DEPARTMENT OF CORRECTIONS

TABLE 56

FELONS PAROLED TO COUNTY
BY SEX

1985–1987

CALIFORNIA

FELONS	1985	1986	1987
TOTAL	29,641	37,474	50,512
MALE	27,571	34,740	46,631
FEMALE	2,070	2,734	3,881

SOURCE: CALIFORNIA DEPARTMENT OF CORRECTIONS

TABLE 57

POPULATION OF PERSONS UNDER JURISDICTION OF
LOCAL CRIMINAL JUSTICE AGENCIES

1985–1987

CALIFORNIA

JURISDICTION	1985	1986	1987
TOTAL	348,874	348,565	378,851
ADULTS	261,502	278,253	306,296
HELD IN FACILITIES (A)	51,053	57,639	63,767
COUNTY JAILS	39,183	45,348	49,651
CITY JAILS	1,326	1,574	1,663
COUNTY AND CITY CAMPS	10,544	10,717	12,453
ACTIVE ADULT PROBATION			
CASELOAD (B)	210,449	220,614	242,529
SUPERIOR COURT	81,921	87,194	93,699
LOWER COURT	128,528	133,420	148,830
JUVENILES	87,372	70,312	72,555
HELD IN ADULT FACILITIES	86	70	51
HELD IN JUVENILE FACILITIES	8,474	8,598	8,601
ACTIVE JUVENILE PROBATION			
CASELOAD (B)	78,812	61,644	63,903

(A) PERSONS UNDER SUPERVISION, BOTH SENTENCED AND NOT SENTENCED, BASED ON ONE-DAY COUNT AS OF THE FOURTH THURSDAY IN SEPTEMBER.

(B) PERSONS UNDER SUPERVISION, BASED ON A ONE-DAY COUNT AS OF DECEMBER 31. METHODOLOGY FOR JUVENILES HELD IN JUVENILE FACILITIES DIFFERS SLIGHTLY; FOR FURTHER INFORMATION, CONTACT SOURCE AGENCY.

SOURCE: 1987 CRIMINAL JUSTICE PROFILE, CALIFORNIA DEPARTMENT OF JUSTICE, BUREAU OF CRIMINAL STATISTICS

TABLE 58

VETERANS BY PERIODS OF ACTIVE DUTY
BY SEX
MARCH 1986-1988
CALIFORNIA

PERIODS OF DUTY (A)	1986			1987			1988		
	TOTAL (B)	MALE	FEMALE	TOTAL (B)	MALE	FEMALE	TOTAL (B)	MALE	FEMALE
TOTAL (B)	2,896,800	2,748,600	148,200	2,861,000	2,713,400	147,706	2,826,200	2,678,900	147,300
POST-VIETNAM ERA	194,400	170,600	23,800	204,700	179,700	25,000	216,600	190,000	26,500
VIETNAM ERA	908,300	876,200	32,100	906,300	874,200	32,000	904,300	872,300	32,000
KOREAN CONFLICT	501,800	486,100	15,700	493,900	478,400	15,500	485,800	470,500	15,200
WORLD WAR II	915,100	865,900	49,200	885,200	838,000	48,300	856,700	809,400	47,300
WORLD WAR I	19,200	18,200	1,000	15,900	15,000	900	13,000	12,200	800
OTHER	358,100	331,600	26,500	354,000	328,000	26,000	349,900	324,500	25,400

(A) VETERANS ARE CLASSIFIED BY THE MOST RECENT PERIOD OF ACTIVE DUTY, EXCLUDING PEACE-TIME SERVICE.

(B) PARTS MAY NOT ADD TO TOTAL DUE TO INDEPENDENT ROUNDING.

SOURCE: VETERANS ADMINISTRATION, MARCH 31, 1988.

TABLE 59

EMPLOYMENT BY INDUSTRY
1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT
CALIFORNIA

INDUSTRY TITLE	SIC	1985	1995	CHANGE	PERCENT CHANGE
TOTAL, ALL INDUSTRIES		10,964,900	14,172,150	3,207,250	29.3
MINING,TOTAL	10-14	50,510	44,710	-5,800	-11.5
METAL MINING,TOTAL	10	1,740	2,190	450	25.9
IRON ORES	101	450	500	50	11.1
GOLD AND SILVER ORES	104	800	1,080	280	35.0
FERROALLOY ORES, EXCEPT VANADIUM	106	440	500	60	13.6
METAL MINING SERVICES	108	50	110	60	120.0
OIL AND GAS EXTRACTION,TOTAL	13	41,690	35,600	-6,090	-14.6
CRUDE PETROLEUM AND NATURAL GAS	131	19,450	17,220	-2,230	-11.5
NATURAL GAS LIQUIDS	132	50	60	10	20.0
OIL AND GAS FIELD SERVICES	138	22,190	18,320	-3,870	-17.4
NONMETALLIC MINING AND QUARRYING,TOTAL	14	7,060	6,920	-160	-2.3
DIMENSION STONE	141	120	110	-10	-8.3
CRUSHED AND BROKEN STONE	142	930	880	-50	-5.4
SAND AND GRAVEL	144	3,860	3,650	-210	-5.4
CLAY AND RELATED MINERALS	145	90	120	30	33.3
CHEMICAL AND FERTILIZER MINERALS	147	1,310	1,300	-10	-0.8
MISCELLANEOUS NONMETALLIC MINERALS	149	770	860	90	11.7
CONSTRUCTION, TOTAL	15-17	482,260	575,020	92,760	19.2
GENERAL BUILDING CONTRACTORS,TOTAL	15	127,730	150,410	22,680	17.8
RESIDENTIAL BUILDING CONSTRUCTION	152	89,640	106,930	17,290	19.3
OPERATIVE BUILDING	153	8,060	10,330	2,270	28.2
NONRESIDENTIAL BUILDING CONSTRUCTION	154	30,030	33,150	3,120	10.4
GENERAL CONTRACTORS,EXC BLDG,TOTAL	16	67,410	78,610	11,200	16.6
HIGHWAY AND STREET CONSTRUCTION	161	23,840	25,540	2,700	11.8
HEAVY CONSTRUCTION, EXCEPT HIGHWAY	162	44,570	53,070	8,500	19.1
SPECIAL TRADE CONTRACTORS,TOTAL	17	287,120	346,000	58,880	20.5
PLUMBING, HEATING, AIR CONDITIONING	171	57,770	67,420	9,650	16.7
PAINTING, PAPER HANGING, DECORATING	172	18,350	22,640	4,290	23.4
ELECTRICAL WORK	173	49,440	56,030	6,590	13.3
MASONRY, STONEWORK, AND PLASTER	174	51,710	65,020	13,310	25.7
CARPENTERING AND FLOORING	175	23,030	29,520	6,490	28.2
ROOFING AND SHEET METAL WORK	176	20,050	24,770	4,720	23.5
CONCRETE WORK	177	22,870	28,740	5,870	25.7
WATER WELL DRILLING	178	1,320	1,410	90	6.8
MISCELLANEOUS SPECIAL TRADE CONTRACTORS	179	42,580	50,450	7,870	18.5
MANUFACTURING, TOTAL	20-39	2,089,380	2,493,520	404,140	19.3
DURABLE GOODS MANUFACTURING, TOTAL	24-25,32-39	1,451,820	1,762,770	310,950	21.4
LUMBER AND WOOD PRODUCTS,TOTAL	24	56,300	65,650	9,350	16.6
LOGGING CAMPS AND LOGGING CONTRACTORS	241	4,580	5,060	480	10.5
SAWMILLS AND PLANING MILLS	242	15,850	20,140	4,290	27.1
MILLWORK, PLYWOOD, AND STRUCTURAL MEMBERS	243	18,400	22,400	4,000	21.7
WOODEN CONTAINERS	244	3,880	4,450	570	14.7
WOOD BUILDING AND MOBILE HOMES	245	5,980	5,750	-230	-3.8
MISCELLANEOUS WOOD PRODUCTS	249	7,610	7,850	240	3.2
FURNITURE AND FIXTURES,TOTAL	25	59,410	73,800	14,390	24.2
HOUSEHOLD FURNITURE	251	33,920	40,000	6,080	17.9
OFFICE FURNITURE	252	9,600	10,990	1,390	14.5

TABLE 59 (CONTINUED)

EMPLOYMENT BY INDUSTRY
1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT
CALIFORNIA

INDUSTRY TITLE	SIC	1985	1995	CHANGE	PERCENT CHANGE
PUBLIC BUILDING AND RELATED FURNITURE	253	1,930	4,220	2,290	118.7
PARTITIONS AND FIXTURES	254	8,280	10,700	2,420	29.2
MISCELLANEOUS FURNITURE AND FIXTURES	259	5,680	7,890	2,210	38.9
STONE,CLAY, AND GLASS TOTAL	32	50,960	59,750	8,790	17.2
FLAT GLASS	321	1,480	1,880	400	27.0
GLASS AND GLASSWARE, PRESSED OR BLOWN	322	8,490	9,140	650	7.7
PRODUCTS OF PURCHASED GLASS	323	5,200	6,080	880	16.9
CEMENT, HYDRAULIC	324	2,830	3,460	630	22.3
STRUCTURAL CLAY PRODUCTS	325	2,160	2,620	460	21.3
POTTERY AND RELATED PRODUCTS	326	4,210	5,470	1,260	29.9
CONCRETE, GYPSUM, AND PLASTER PRODUCTS	327	17,290	19,810	2,520	14.6
CUT STONE AND STONE PRODUCTS	328	620	1,070	450	72.6
MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS	329	8,680	10,220	1,540	17.7
PRIMARY METAL INDUSTRIES, TOTAL	33	41,610	42,820	1,210	2.9
BLAST FURNACES AND BASIC STEEL PRODUCTS	331	7,830	7,000	-830	-10.6
IRON AND STEEL FOUNDRIES	332	6,420	6,650	230	3.6
PRIMARY NONFERROUS METALS	333	380	540	160	42.1
SECONDARY NONFERROUS METALS	334	1,510	1,230	-280	-18.5
NONFERROUS ROLLING AND DRAWING	335	13,400	13,550	150	1.1
NONFERROUS FOUNDRIES	336	9,830	11,900	2,070	21.1
MISCELLANEOUS PRIMARY METAL PRODUCTS	339	2,240	1,950	-290	-12.9
FABRICATED METAL PRODUCTS, TOTAL	34	147,250	155,120	7,870	5.3
CANS	341	8,430	9,300	870	10.3
CUTLERY, HAND TOOLS, AND HARDWARE	342	14,990	15,700	710	4.7
PLUMBING AND HEATING, EXCEPT ELECTRICAL	343	8,040	9,310	1,270	15.8
FABRICATED STRUCTURAL METAL PRODUCTS	344	46,860	47,200	340	0.7
SCREW MACHINE PRODUCTS, BOLTS, NUTS	345	13,110	13,800	690	5.3
METAL STAMPINGS	346	15,540	17,700	2,160	13.9
METAL SERVICES, N.E.C.	347	19,880	21,900	2,020	10.2
ORDNANCE & ACCESS., EX VEH. & GUIDED MISS.	348	3,780	2,250	-1,530	-40.5
MISCELLANEOUS FABRICATED METAL PRODUCTS	349	16,620	17,960	1,340	8.1
MACHINERY,EX ELECTRICAL, TOTAL	35	230,870	321,330	90,360	39.1
ENGINES AND TURBINES	351	5,320	6,450	1,130	21.2
FARM AND GARDEN MACHINERY	352	4,400	7,180	2,780	63.2
CONSTRUCTION AND RELATED MACHINERY	353	13,500	21,270	7,770	57.6
METALWORKING MACHINERY	354	18,240	21,450	3,210	17.6
SPECIAL INDUSTRY MACHINERY	355	13,630	17,810	4,180	30.7
GENERAL INDUSTRIAL MACHINERY	356	19,650	25,070	5,420	27.6
OFFICE, COMPUTING MACHINERY	357	109,620	164,230	54,610	49.8
REFRIGERATION AND SERVICE MACHINERY	358	9,160	12,420	3,260	35.6
MISCELLANEOUS MACHINERY, EXCEPT ELECTRICAL	359	37,450	45,450	8,000	21.4
ELEC. MACH.,EQUIPMNT, & SUPP.TOTAL	36	420,550	498,280	77,730	18.5
ELECTRIC DISTRIBUTING EQUIPMENT	361	11,700	11,970	270	2.3
ELECTRICAL INDUSTRIAL APPARATUS	362	14,070	16,140	2,070	14.7
HOUSEHOLD APPLIANCES	363	3,980	3,530	-450	-11.3
ELECTRIC LIGHTING AND WIRING EQUIPMENT	364	22,480	29,800	7,320	32.6
RADIO AND TV RECEIVING EQUIPMENT	365	13,210	12,000	-1,210	-9.2
COMMUNICATION EQUIPMENT	366	180,940	225,000	44,060	24.4
ELECTRONIC COMPONENTS AND ACCESSORIES	367	165,140	190,110	24,970	15.1
MISC. ELECTRICAL EQUIPMENT AND SUPPLIES	369	9,030	9,730	700	7.8
TRANSP. EQUIP. TOTAL	37	295,980	340,710	44,730	15.1
MOTOR VEHICLES AND EQUIPMENT	371	34,410	33,800	-610	-1.8
AIRCRAFT AND PARTS	372	154,200	181,100	26,900	17.4
SHIP AND BOAT BUILDING AND REPAIRING	373	17,640	17,700	60	0.3
RAILROAD EQUIPMENT	374	130	150	20	15.4
MOTORCYCLES, BICYCLES, AND PARTS	375	1,390	1,410	20	1.4
GUIDED MISSILES, SPACE VEHICLES	376	78,260	95,110	16,850	21.5
MISCELLANEOUS TRANSPORTATION EQUIPMENT	379	9,950	11,440	1,490	15.0
PROFESSIONAL,SCIENT INSTR. TOTAL	38	113,310	161,710	48,400	42.7
ENGINEERING AND SCIENTIFIC INSTRUMENTS	381	7,960	10,120	2,160	27.1

TABLE 59 (CONTINUED)

EMPLOYMENT BY INDUSTRY
1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT
CALIFORNIA

INDUSTRY TITLE	SIC	1985	1995	CHANGE	PERCENT CHANGE
MECHANICAL MEASURING AND CONTROLLING	382	52,870	75,000	22,130	41.9
OPTICAL INSTRUMENTS AND LENSES	383	10,950	15,000	4,050	37.0
MEDICAL INSTRUMENTS AND SUPPLIES	384	30,680	49,390	18,710	61.0
OPHTHALMIC GOODS	385	4,780	6,180	1,400	29.3
PHOTOGRAPHIC EQUIPMENT & SUPPLIES	386	5,620	5,470	-150	-2.7
WATCHES, CLOCKS, & WATCHCASES	387	450	550	100	22.2
MISC MFG IND, TOTAL	39	35,480	43,600	8,120	22.9
JEWELRY, SILVERWARE, AND PLATED WARE	391	4,120	3,900	-220	-5.3
MUSICAL INSTRUMENTS	393	1,320	1,520	200	15.2
TOYS AND SPORTING GOODS	394	12,970	16,900	3,930	30.3
PENS, PENCILS, AND OFFICE AND ART SUPPLIES	395	3,940	4,590	650	16.5
COSTUME JEWELRY AND NOTIONS	396	2,400	3,530	1,130	47.1
MISCELLANEOUS MANUFACTURES	399	10,730	13,160	2,430	22.6
NONDURABLE GOODS MANUFACTURING, TOTAL	20-23,26-31	637,560	730,750	93,190	14.6
FOOD & KINDRED PROD, TOTAL	20	170,610	185,920	15,310	9.0
MEAT PRODUCTS	201	17,470	19,700	2,230	12.8
DAIRY PRODUCTS	202	12,620	13,800	1,180	9.4
PRESERVED FRUITS AND VEGETABLES	203	51,810	54,210	2,400	4.6
GRAIN MILL PRODUCTS	204	7,990	8,690	700	8.8
BAKERY PRODUCTS	205	19,770	21,100	1,330	6.7
SUGAR AND CONFECTIONERY PRODUCTS	206	9,130	9,840	710	7.8
FATS AND OILS	207	3,840	3,840	0	0.0
BEVERAGES	208	25,850	30,900	5,050	19.5
MISCELLANEOUS FOODS AND KINDRED PRODUCTS	209	22,130	23,840	1,710	7.7
TEXTILE MILL PRODUCTS;TOTAL	22	13,690	16,800	3,110	22.7
WEAVING MILLS, COTTON	221	210	440	230	109.5
WEAVING MILLS, SYNTHETIC FIBERS	222	400	530	130	32.5
WEAVING AND FINISHING MILLS, WOOL	223	90	90	0	0.0
NARROW FABRICS MILLS	224	230	290	60	26.1
KNITTING MILLS	225	3,580	4,400	820	22.9
TEXTILE FINISHING, EXCEPT WOOL	226	1,250	1,880	630	50.4
FLOOR COVERING MILLS	227	3,960	4,510	550	13.9
YARN AND THREAD MILLS	228	1,730	2,160	430	24.9
MISCELLANEOUS TEXTILE GOODS	229	2,240	2,500	260	11.6
APPAREL & TEXTILE PRODUCTS, TOTAL	23	107,520	122,150	14,630	13.6
MEN'S AND BOYS' SUITS AND COATS	231	1,040	1,140	100	9.6
MEN'S AND BOYS' FURNISHINGS	232	9,590	10,310	720	7.5
WOMEN'S AND MISSES' OUTERWEAR	233	69,850	81,900	12,050	17.3
WOMEN'S AND CHILDREN'S UNDERGARMENTS	234	3,740	4,100	360	9.6
HATS, CAPS, AND MILLINERY	235	560	590	30	5.4
CHILDREN'S OUTERWEAR	236	2,040	2,290	250	12.3
FUR GOODS	237	80	90	10	12.5
MISCELLANEOUS APPAREL AND ACCESSORIES	238	2,970	2,970	0	0.0
MISCELLANEOUS FABRICATED TEXTILE PRODUCTS	239	17,650	18,760	1,110	6.3
PAPER & ALLIED PRODUCTS, TOTAL	26	40,120	42,810	2,690	6.7
PULP MILLS	261	320	390	70	21.9
PAPER MILLS, EXCEPT BUILDING PAPER	262	3,840	4,130	290	7.6
PAPERBOARD MILLS	263	1,150	1,130	-20	-1.7
MISCELLANEOUS CONVERTED PAPER PRODUCTS	264	16,160	17,400	1,240	7.7
PAPERBOARD CONTAINERS AND BOXES	265	17,780	18,900	1,120	6.3
BUILDING PAPER AND BOARD MILLS	266	870	860	-10	-1.1
PRINTING & PUBLISHING INDUSTRIES, TOTAL	27	139,380	175,260	35,880	25.7
NEWSPAPERS	271	47,720	60,190	12,470	26.1
PERIODICALS	272	8,750	10,250	1,500	17.1
BOOKS	273	6,550	8,080	1,530	23.4
MISCELLANEOUS PUBLISHING	274	7,460	9,320	1,860	24.9
COMMERCIAL PRINTING	275	54,280	70,550	16,270	30.0
MANIFOLD BUSINESS FORMS	276	3,930	4,120	190	4.8
GREETING CARD PUBLISHING	277	380	400	20	5.3

TABLE 59 (CONTINUED)

EMPLOYMENT BY INDUSTRY
1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT
CALIFORNIA

INDUSTRY TITLE	SIC	1985	1995	CHANGE	PERCENT CHANGE
BLANKBOOKS AND BOOKBINDING	278	6,030	6,640	610	10.1
PRINTING TRADE SERVICES	279	4,280	5,710	1,430	33.4
CHEMICALS & ALLIED PRODUCTS, TOTAL	28	63,790	72,800	9,010	14.1
INDUSTRIAL INORGANIC CHEMICALS	281	7,410	8,710	1,300	17.5
PLASTICS MATERIALS AND SYNTHETICS	282	3,260	3,630	370	11.3
DRUGS	283	18,660	24,840	6,180	33.1
SOAP, CLEANERS, AND TOILET GOODS	284	12,480	13,570	1,090	8.7
PAINTS AND ALLIED PRODUCTS	285	7,610	7,140	-470	-6.2
INDUSTRIAL ORGANIC CHEMICALS	286	3,480	3,740	260	7.5
AGRICULTURAL CHEMICALS	287	3,570	2,670	-900	-25.2
MISCELLANEOUS CHEMICAL PRODUCTS	289	7,320	8,500	1,180	16.1
PETROLEUM & COAL PRODUCTS, TOTAL	29	29,130	29,200	70	0.2
PETROLEUM REFINING	291	25,860	25,500	-360	-1.4
PAVING AND ROOFING MATERIALS	295	2,580	2,920	340	13.2
MISCELLANEOUS PETROLEUM AND COAL PRODUCTS	299	690	780	90	13.0
RUBBER & MISC PLASTICS PRODUCTS, TOTAL	30	65,590	78,300	12,710	19.4
TIRES AND INNER TUBES	301	1,210	1,100	-110	-9.1
RUBBER AND PLASTICS FOOTWEAR	302	1,000	1,240	240	24.0
RECLAIMED RUBBER	303	80	120	40	50.0
RUBBER AND PLASTICS HOSE AND BELTING	304	810	1,180	370	45.7
FABRICATED RUBBER PRODUCTS, N.E.C.	306	8,990	8,860	-130	-1.4
MISCELLANEOUS PLASTICS PRODUCTS	307	53,500	65,800	12,300	23.0
LEATHER AND LEATHER PRODUCTS, TOTAL	31	7,730	7,510	-220	-2.8
LEATHER TANNING AND FINISHING	311	610	640	30	4.9
BOOT AND SHOE CUT STOCK AND FINDINGS	313	160	110	-50	-31.3
FOOTWEAR, EXCEPT RUBBER	314	3,200	2,830	-370	-11.6
LEATHER GLOVES AND MITTENS	315	40	80	40	100.0
LUGGAGE	316	970	1,200	230	23.7
HANDBAGS AND PERSONAL LEATHER GOODS	317	1,240	1,250	10	0.8
LEATHER GOODS, N.E.C.	319	1,510	1,400	-110	-7.3
TRANSPORTATION, COMMUNICATIONS,& UTILITIES	40-49	565,010	681,120	116,110	20.6
TRANSPORTATION, TOTAL	40	316,630	399,610	82,980	26.2
RAILROAD TRANSPORTATION, TOTAL	401	23,710	19,900	-3,810	-16.1
LOCAL & INTERURBAN TRANSIT, TOTAL	41	26,660	34,010	7,350	27.6
LOCAL AND SUBURBAN TRANSPORTATION	411	11,390	15,050	3,660	32.1
TAXICABS	412	3,550	4,270	720	20.3
INTERCITY HIGHWAY TRANSPORTATION	413	3,620	3,870	250	6.9
TRANSPORTATION CHARTER SERVICE	414	2,740	2,790	50	1.8
SCHOOL BUSES	415	5,340	8,000	2,660	49.8
BUS TERMINAL AND SERVICE FACILITIES	417	20	30	10	50.0
TRUCKING & WAREHOUSING, TOTAL	42	129,290	169,810	40,520	31.3
TRUCKING, LOCAL AND LONG DISTANCE	421	120,110	154,590	34,480	28.7
PUBLIC WAREHOUSING	422	8,950	15,020	6,070	67.8
TRUCKING TERMINAL FACILITIES	423	230	200	-30	-13.0
WATER TRANSPORTATION, TOTAL	44	20,630	22,990	2,360	11.4
DEEP SEA FOREIGN TRANSPORTATION	441	5,000	4,720	-280	-5.6
DEEP SEA DOMESTIC TRANSPORTATION	442	890	1,410	520	58.4
LOCAL WATER TRANSPORTATION	445	1,740	2,740	1,000	57.5
WATER TRANSPORTATION SERVICES	446	13,000	14,120	1,120	8.6
AIR TRANSPORTATION, TOTAL	45	68,390	81,700	13,310	19.5
CERTIFICATED AIR TRANSPORTATION	451	57,530	67,070	9,540	16.6
NONCERTIFICATED AIR TRANSPORATION	452	3,590	4,770	1,180	32.9
AIR TRANSPORTATION SERVICES	458	7,270	9,860	2,590	35.6

TABLE 59 (CONTINUED)

EMPLOYMENT BY INDUSTRY
1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT
CALIFORNIA

INDUSTRY TITLE	SIC	1985	1995	CHANGE	PERCENT CHANGE
PIPE LINES, EXCEPT NATURAL GAS, TOTAL	461	1,100	1,900	800	72.7
TRANSPORTATION SERVICES, TOTAL	47	46,850	69,300	22,450	47.9
FREIGHT FORWARDING	471	10,530	14,640	4,110	39.0
ARRANGEMENT OF TRANSPORTATION	472	34,950	53,100	18,150	51.9
RENTAL OF RAILROAD CARS	474	370	280	-90	-24.3
MISCELLANEOUS TRANSPORTATION SERVICES	478	1,000	1,280	280	28.0
COMMUNICATIONS AND UTILITIES, TOTAL	48-49	248,380	281,510	33,130	13.3
COMMUNICATIONS, TOTAL	48	167,700	185,800	18,100	10.8
TELEPHONE COMMUNICATION	481	117,450	131,510	14,060	12.0
TELEGRAPH COMMUNICATION	482	1,520	1,700	180	11.8
RADIO AND TELEVISION BROADCASTING	483	27,600	31,630	4,030	14.6
COMMUNICATION SERVICES, N.E.C.	489	21,130	20,960	-170	-0.8
UTILITIES AND SANITARY SERVICES, TOTAL	49	80,680	95,710	15,030	18.6
ELECTRIC COMPANIES AND SYSTEMS	491	18,170	23,070	4,900	27.0
GAS COMPANIES AND SYSTEMS	492	11,380	13,740	2,360	20.7
COMBINATION COMPANIES AND SYSTEMS	493	34,490	38,580	4,090	11.9
WATER SUPPLY	494	2,960	3,120	160	5.4
SANITARY SERVICES	495	12,960	16,210	3,250	25.1
STEAM SUPPLY	496	230	370	140	60.9
IRRIGATION SYSTEMS	497	490	620	130	26.5
WHOLESALE AND RETAIL TRADE, TOTAL	50-59	2,615,310	3,451,090	835,780	32.0
WHOLESALE TRADE, TOTAL	50-51	670,320	880,050	209,730	31.3
WHOLESALE TRADE, DURABLE GOODS, TOTAL	50	401,930	529,010	127,080	31.6
MOTOR VEHICLES AND AUTO PARTS AND SUPPLIES	501	45,100	54,530	9,430	20.9
FURNITURE AND HOME FURNISHINGS	502	18,940	23,630	4,690	24.8
LUMBER AND OTHER CONSTRUCTION MATERIALS	503	26,850	31,320	4,470	16.6
SPORTING,TOY,PHOTO.& HOBBY GDS & SUPPLIES	504	12,630	13,770	1,140	9.0
METALS AND MINERALS, EXCEPT PETROLEUM	505	12,970	15,520	2,550	19.7
ELECTRICAL GOODS	506	69,530	98,780	29,250	42.1
HARDWARE, PLUMBING, AND HEATING SUPPLIES	507	27,620	38,820	11,200	40.6
MACHINERY, EQUIPMENT, AND SUPPLIES	508	156,870	213,200	56,330	35.9
MISCELLANEOUS DURABLE GOODS	509	31,420	39,440	8,020	25.5
WHOLESALE TRADE, NONDURABLE GOODS, TOTAL	51	268,390	351,040	82,650	30.8
PAPER & PAPER PRODUCTS	511	23,500	33,120	9,620	40.9
DRUGS, PROPRIETARIES, AND SUNDRIES	512	20,130	21,200	1,070	5.3
APPAREL, PIECE GOODS, AND NOTIONS	513	24,350	38,480	14,130	58.0
GROCERIES AND RELATED PRODUCTS	514	85,980	116,110	30,130	35.0
FARM-PRODUCT RAW MATERIALS	515	8,110	7,960	-150	-1.8
CHEMICALS AND ALLIED PRODUCTS	516	11,890	13,500	1,610	13.5
PETROLEUM AND PETROLEUM PRODUCTS	517	16,520	19,770	3,250	19.7
BEER, WINE, & DISTILLED ALCHOLIC BEVERAGES	518	18,220	19,700	1,480	8.1
MISCELLANEOUS NONDURABLE GOODS	519	59,690	81,200	21,510	36.0
RETAIL TRADE, TOTAL	52-59	1,944,990	2,571,040	626,050	32.2
BLDG. MAT.,GARDEN SUP.,MOBILE HOMES, TOTAL	52	71,250	101,010	29,760	41.8
LUMBER AND OTHER BLDG. MATERIALS DEALERS	521	32,330	49,950	17,620	54.5
PAINT, GLASS, AND WALLPAPER STORES	523	9,010	12,640	3,630	40.3
HARDWARE STORES	525	20,650	26,420	5,770	27.9
RETAIL NURSERIES, LAWN AND GARDEN SUPPLIES	526	7,710	10,600	2,890	37.5
MOBILE HOME DEALERS	527	1,550	1,400	-150	-9.7
RETAIL TRADE, GENERAL MERCHANDISE, TOTAL	53	240,130	301,000	60,870	25.3
DEPARTMENT STORES	531	213,360	268,400	55,040	25.8
VARIETY STORES	533	10,970	13,810	2,840	25.9

TABLE 59 (CONTINUED)

EMPLOYMENT BY INDUSTRY
1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT
CALIFORNIA

INDUSTRY TITLE	SIC	1985	1995	CHANGE	PERCENT CHANGE
MISCELLANEOUS GENERAL MERCHANDISE STORES	539	15,800	18,790	2,990	18.9
FOOD STORES, TOTAL	54	273,700	365,010	91,310	33.4
GROCERY STORES	541	225,130	302,430	77,300	34.3
MEAT AND FISH (SEAFOOD) MARKETS	542	6,960	8,400	1,440	20.7
FRUIT STORES AND VEGETABLE MARKETS	543	2,940	6,700	3,760	127.9
CANDY, NUT, AND CONFECTIONERY STORES	544	3,820	6,860	3,040	79.6
DAIRY PRODUCTS STORES	545	4,260	4,120	-140	-3.3
RETAIL BAKERIES	546	21,790	27,380	5,590	25.7
MISCELLANEOUS FOOD STORES	549	8,800	9,120	320	3.6
AUTOMOBILE & RECREATIONAL VEHICLES, TOTAL	55	208,670	245,000	36,330	17.4
MOTOR VEHICLE DEALERS (NEW & USED)	551	93,040	114,920	21,880	23.5
MOTOR VEHICLE DEALERS (USED ONLY)	552	4,960	6,440	1,480	29.8
AUTO AND HOME SUPPLY STORES	553	36,620	42,060	5,440	14.9
GASOLINE SERVICE STATIONS	554	62,670	67,470	4,800	7.7
BOAT DEALERS	555	2,030	2,690	660	32.5
RECREATIONAL AND UTILITY TRAILER DEALERS	556	3,270	4,780	1,510	46.2
MOTORCYCLE DEALERS	557	4,880	5,110	230	4.7
AUTOMOTIVE DEALERS, N.E.C.	559	1,200	1,530	330	27.5
APPAREL AND ACCESSORIES STORES, TOTAL	56	118,230	148,000	29,770	25.2
MEN'S AND BOYS' CLOTHING AND FURNISHINGS	561	10,930	9,230	-1,700	-15.6
WOMEN'S READY-TO-WEAR STORES	562	43,090	46,170	3,080	7.1
WOMEN'S ACCESSORY AND SPECIALTY STORES	563	2,640	3,960	1,120	39.4
CHILDREN'S AND INFANTS' WEAR STORES	564	4,490	6,400	1,910	42.5
FAMILY CLOTHING STORES	565	28,550	43,270	14,720	51.6
SHOE STORES	566	22,270	30,650	8,380	37.6
FURRIERS AND FUR SHOPS	568	450	580	130	28.9
MISCELLANEOUS APPAREL AND ACCESSORIES	569	5,610	7,740	2,130	38.0
FURNITURE & HOME FURNISHINGS STORES, TOTAL	57	89,730	121,000	31,270	34.8
FURNITURE & HOME FURNISHINGS, EXC. APPL.	571	48,300	62,190	13,890	28.8
HOUSEHOLD APPLIANCE STORES	572	7,390	8,850	1,460	19.8
RADIO, TELEVISION, AND MUSIC STORES	573	34,040	49,960	15,920	46.8
EATING AND DRINKING PLACES, TOTAL	581	698,360	964,000	265,640	38.0
MISCELLANEOUS RETAIL STORES, TOTAL	59	244,920	326,020	81,100	33.1
DRUG STORES & PROPRIETARY STORES	591	51,670	57,100	5,430	10.5
LIQUOR STORES	592	20,290	16,350	-3,940	-19.4
USED MERCHANDISE STORES	593	12,370	17,480	5,110	41.3
MISCELLANEOUS SHOPPING GOODS STORES	594	91,250	134,990	43,740	47.9
NONSTORE RETAILERS	596	19,420	21,910	2,490	12.8
FUEL AND ICE DEALERS	598	2,820	3,950	1,130	40.1
RETAIL STORES, N.E.C.	599	47,100	74,240	27,140	57.6
FINANCE, INSURANCE, AND REAL ESTATE, TOTAL	60-67	730,140	958,210	228,070	31.2
BANKING, TOTAL	60	194,730	235,800	41,070	21.1
FEDERAL RESERVE BANKS	601	1,850	2,230	380	20.5
COMMERCIAL AND STOCK SAVINGS BANKS	602	186,010	223,300	37,290	20.0
FUNCTIONS CLOSELY RELATED TO BANKING	605	6,870	10,270	3,400	49.5
CREDIT AGENCIES OTHER THAN BANKS, TOTAL	61	128,660	186,400	57,740	44.9
SAVINGS AND LOAN ASSOCIATIONS	612	69,960	107,050	37,090	53.0
AGRICULTURAL CREDIT INSTITUTIONS	613	1,140	1,280	140	12.3
PERSONAL CREDIT INSTITUTIONS	614	23,160	33,430	10,270	44.3
BUSINESS CREDIT INSTITUTIONS	615	5,920	8,820	2,900	49.0
MORTGAGE BANKERS AND BROKERS	616	28,480	35,810	7,330	25.7
SECURITY & COMMODITY BROKERS,DEALERS,TOTAL	62	33,500	43,800	10,300	30.7
SECURITY BROKERS AND DEALERS	621	27,010	34,620	7,610	28.2
COMMODITY CONTRACTS BROKERS AND DEALERS	622	730	890	170	23.6
SECURITY AND COMMODITY EXCHANGES	623	700	820	120	17.1
SECURITY AND COMMODITY SERVICES	628	5,070	7,470	2,400	47.3

TABLE 39 (CONTINUED)

EMPLOYMENT BY INDUSTRY
1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT
CALIFORNIA

INDUSTRY TITLE	SIC	1985	1995	CHANGE	PERCENT CHANGE
INSURANCE CARRIERS, TOTAL	63	121,590	148,000	26,410	21.7
LIFE INSURANCE	631	33,550	37,000	3,450	10.3
MEDICAL SERVICE AND HEALTH INSURANCE	632	14,730	20,830	6,100	41.4
FIRE, MARINE, AND CASUALTY INSURANCE	633	54,230	67,010	12,780	23.6
SURETY INSURANCE	635	350	470	120	34.3
TITLE INSURANCE	636	14,710	17,510	2,800	19.0
PENSION, HEALTH, AND WELFARE FUNDS	637	4,000	5,120	1,120	28.0
INSURANCE CARRIERS, N.E.C.	639	20	60	40	200.0
INSURANCE AGENTS,BROKERS,& SERVICES, TOTAL	641	71,150	102,000	30,850	43.4
REAL ESTATE, TOTAL	65	160,410	218,010	57,600	35.9
REAL ESTATE OPERATORS AND LESSORS	651	60,820	76,110	15,290	25.1
REAL ESTATE AGENTS AND MANAGERS	653	74,770	108,100	33,330	44.6
TITLE ABSTRACT OFFICES	654	4,500	6,490	1,990	44.2
SUBDIVIDERS AND DEVELOPERS	655	20,320	27,310	6,990	34.4
COMB. R/E, INSURANCE, LOAN, LAW OFF.,TOTAL	661	700	400	-300	-42.9
HOLDING & OTHER INVESTMENT OFFICES,TOTAL	67	19,400	23,800	4,400	22.7
HOLDING OFFICES	671	5,420	6,280	860	15.9
INVESTMENT OFFICES	672	380	250	-130	-34.2
TRUSTS	673	6,200	7,930	1,730	27.9
MISCELLANEOUS INVESTING	679	7,400	9,340	1,940	26.2
SERVICES, TOTAL	70-89.07	2,637,760	3,876,850	1,239,090	47.0
HOTELS & OTHER LODGING PLACES, TOTAL	70	143,100	221,000	77,900	54.4
HOTELS, MOTELS, AND TOURIST COURTS	701	137,490	215,360	77,870	56.6
ROOMING AND BOARDING HOUSES	702	1,580	1,000	-580	-36.7
CAMPS AND TRAILERING PARKS	703	3,460	3,880	420	12.1
ORGANIZATION HOTELS AND LODGING HOUSES	704	570	760	190	33.3
PERSONAL SERVICES, TOTAL	72	118,590	150,010	31,420	26.5
LAUNDRY, CLEANING, AND GARMENT SERVICES	721	41,830	49,100	7,270	17.4
PHOTOGRAPHIC STUDIOS, PORTRAIT	722	6,320	8,300	1,980	31.3
BEAUTY SHOPS	723	36,510	43,670	7,160	19.6
BARBER SHOPS	724	2,780	2,180	-600	-21.6
SHOE REPAIR,SHOE SHINE,HAT CLEANING SHOPS	725	1,060	1,120	60	5.7
FUNERAL SERVICE AND CREMATORIES	726	5,000	5,570	570	11.4
MISCELLANEOUS PERSONAL SERVICES	729	25,090	40,070	14,980	59.7
BUSINESS SERVICES, TOTAL	73	639,840	1,069,040	429,200	67.1
ADVERTISING	731	22,600	34,530	11,930	52.8
CONSUMER CREDIT REPORTING AND COLLECTION	732	11,000	13,050	2,050	18.6
MAILING,REPRO.,COMM.ART,& STENO. SERVICES	733	27,780	46,560	18,780	67.6
SERVICES TO DWELLINGS AND OTHER BUILDINGS	734	66,520	98,720	32,200	48.4
NEWS SYNDICATES	735	560	770	210	37.5
PERSONNEL SUPPLY SERVICES	736	147,760	262,280	114,520	77.5
COMPUTER AND DATA PROCESSING SERVICES	737	73,570	141,380	67,810	92.2
MISCELLANEOUS BUSINESS SERVICES	739	290,050	471,750	181,700	62.6
AUTOMOBILE REPAIR,SERVICES,GARAGES, TOTAL	75	107,350	154,780	47,430	44.2
AUTOMOBILE RENTALS, LEASING, W/O DRIVERS	751	18,420	28,270	9,850	53.7
AUTOMOBILE PARKING	752	7,940	11,980	4,040	50.9
AUTOMOBILE REPAIR SHOPS	753	64,640	90,650	26,010	40.2
AUTOMOBILE SERVICES, EXCEPT REPAIR	754	15,350	22,880	7,530	49.1
MISC REPAIR SERVICES, TOTAL	76	55,910	74,240	18,330	32.8
ELECTRICAL REPAIR SHOPS	762	22,150	29,290	7,140	32.2
WATCH, CLOCK, AND JEWELRY REPAIR	763	1,200	1,340	140	11.7
REUPHOLSTERY AND FURNITURE REPAIR	764	3,590	3,760	170	4.7
MISC. REPAIR SHOPS AND RELATED SERVICES	769	28,970	39,850	10,880	37.6
MOTION PICTURES, TOTAL	78	76,480	91,720	15,240	19.9

TABLE 59 (CONTINUED)

EMPLOYMENT BY INDUSTRY
1985 ANNUAL AVERAGE AND 1995 PROJECTED EMPLOYMENT
CALIFORNIA

INDUSTRY TITLE	SIC	1985	1995	CHANGE	PERCENT CHANGE
MOTION PICTURE PRODUCTION AND SERVICES	781	57,400	71,060	13,660	23.8
MOTION PICTURE DISTRIBUTION AND SERVICES	782	2,900	3,250	350	12.1
MOTION PICTURE THEATERS	783	16,180	17,410	1,230	7.6
AMUSE & REC.,EXC MOTION PIC, TOTAL	79	110,490	156,020	45,530	41.2
DANCE HALLS, STUDIOS, AND SCHOOLS	791	2,410	3,380	970	40.2
THEATRICAL PRODUCERS,BANDS,ENTERTAINERS	792	22,070	32,880	10,810	49.0
BOWLING ALLEYS AND BILLIARD AND POOL ESTAB	793	9,550	8,990	-560	-5.9
COMMERCIAL SPORTS	794	9,020	12,590	3,570	39.6
MISC. AMUSEMENT AND RECREATION SERVICES	799	67,440	98,180	30,740	45.6
HEALTH SERVICES, TOTAL	80	646,290	900,020	253,730	39.3
OFFICES OF PHYSICIANS	801	113,160	146,170	33,010	29.2
OFFICES OF DENTISTS	802	60,670	86,190	25,520	42.1
OFFICES OF OSTEOPATHIC PHYSICIANS	803	480	890	410	85.4
OFFICES OF OTHER HEALTH PRACTITIONERS	804	24,950	42,240	17,290	69.3
NURSING AND PERSONAL CARE FACILITIES	805	101,230	139,240	38,010	37.5
HOSPITALS	806	269,280	365,080	95,800	35.6
MEDICAL AND DENTAL LABORATORIES	807	20,050	23,680	3,630	18.1
OUTPATIENT CARE FACILITIES	808	47,220	80,430	33,210	70.3
HEALTH AND ALLIED SERVICES, N.E.C.	809	9,250	16,100	6,850	74.1
LEGAL SERVICES, TOTAL	811	92,340	163,200	70,860	76.7
EDUCATIONAL SERVICES, TOTAL	82	148,620	196,180	47,560	32.0
ELEMENTARY AND SECONDARY SCHOOLS	821	37,390	55,840	18,450	49.3
COLLEGES AND UNIVERSITIES	822	89,450	109,050	19,600	21.9
LIBRARIES AND OTHER SCHOOLS AND SERVICES	823	21,780	31,290	9,510	43.7
SOCIAL SERVICES, TOTAL	83	125,770	188,350	62,580	49.8
INDIVIDUAL AND FAMILY SOCIAL SERVICES	832	22,410	33,260	10,850	48.4
JOB TRAINING AND VOCATIONAL REHAB SERVICES	833	18,000	27,110	9,110	50.6
CHILD DAY CARE SERVICES	835	28,590	47,160	18,570	65.0
RESIDENTIAL CARE	836	27,700	42,820	15,120	54.6
SOCIAL SERVICES, N.E.C.	839	29,070	38,000	8,930	30.7
MUSEUMS,ART GALLERIES, & ZOOS, TOTAL	84	4,210	6,330	2,120	50.4
MUSEUMS AND ART GALLERIES	841	2,750	4,160	1,410	51.3
ARBORETA, BOTANICAL, ZOOLOGICAL GARDENS	842	1,460	2,170	710	48.6
MEMBERSHIP ORGANIZATIONS, TOTAL	86	140,910	159,360	18,450	13.1
BUSINESS ASSOCIATIONS	861	9,760	10,780	1,020	10.5
PROFESSIONAL MEMBERSHIP ORGANIZATIONS	862	3,290	3,950	660	20.1
LABOR UNIONS & SIMILAR LABOR ORGANIZATIONS	863	13,440	16,270	2,830	21.1
CIVIC, SOCIAL, AND FRATERNAL ASSOCIATIONS	864	33,940	46,030	12,090	35.6
POLITICAL ORGANIZATIONS	865	300	610	310	103.3
RELIGIOUS ORGANIZATIONS	866	68,860	70,610	1,750	2.5
MEMBERSHIP ORGANIZATIONS, N.E.C.	869	11,320	11,110	-210	-1.9
MISCELLANEOUS SERVICES, TOTAL	89	227,860	346,600	118,740	52.1
ENGINEERING,ARCHITECT.,SURVEYING SERVICES	891	94,980	142,580	47,600	50.1
NONCOMMERCIAL EDUC.,SCIENT.,RESEARCH ORGAN	892	14,910	22,010	7,100	47.6
ACCOUNTING,AUDITING,& BOOKKEEPING SERVICES	893	60,290	97,020	36,730	60.9
AGRICULTURAL SERVICES	074,075,078	52,400	78,400	26,000	49.6
SERVICES, N.E.C.	899	5,280	6,590	1,310	24.8
GOVERNMENT, TOTAL		1,794,530	2,091,630	297,100	16.6
FEDERAL GOVERNMENT		343,530	356,500	12,970	3.8
STATE GOVERNMENT		324,950	384,300	59,350	18.3
LOCAL GOVERNMENT		1,126,050	1,350,830	224,780	20.0

SOURCE: OCCUPATIONAL INFORMATION GROUP

GLOSSARY OF TERMS AND CONCEPTS

AGRICULTURAL WAGE AND SALARY EMPLOYMENT: Includes all full-time and part-time employees of all classes (including employees on paid vacation or sick leave) who work in or receive compensation from agricultural establishments for any part of the pay period including the 12th of the month.

AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC): See Public Assistance Recipient.

ASIAN AND PACIFIC ISLANDER: A racial classification for any person having origins from Japan, China, the Philippines, Korea, India, Southeast Asia, Hawaii, Guam, or Samoa.

BLACK: A racial classification for any person with origins in any of the Black racial groups of Africa.

CIVILIAN EMPLOYMENT: Comprises civilian workers 16 years and over (a) who, during the survey week, did any work at all as paid employees, or in their own business or profession or on their own farm, or who worked 15 hours or more as unpaid workers in a family enterprise; and (b) who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, personal reasons, whether or not they were paid for the time off.

CIVILIAN LABOR FORCE: The sum of civilian employment and unemployment.

CURRENT POPULATION SURVEY: Monthly labor statistics (estimates of labor force, civilian employment, unemployment and unemployment rate) for the State of California are derived from data developed through the national Current Population Survey (CPS). The CPS is conducted by the Bureau of the Census for the Bureau of Labor Statistics (BLS) of the U.S. Department of Labor.

As of April 1988, after the CPS sample was reduced, the CPS is a monthly nationwide sample of about 54,800 households. Occupants of selected households are interviewed during the week including the 12th day of the month. On the basis of their replies, the national labor statistics are generated monthly. About 3,080 households of the national survey are interviewed in California every month. As of April 1988, this reduced sample size is not large enough to generate monthly data of statistical reliability for substate areas.

DEMAND: Job openings in an occupation, due to new jobs and replacement of workers leaving the occupation.

ECONOMICALLY DISADVANTAGED: Persons whose income or whose family income was below the Federal Poverty Guideline—$8,700 for a non-farm family of four in 1979 and/or below 70 percent of the Lower Living Standard Income Level, which varies by county of residence. The Federal Poverty Guideline is released by the Office of Management and Budget (OMB) and differs from the Bureau of Census' definition of poverty. (See Poverty definition).

ENTRY-LEVEL JOB: Those jobs for which employers hire workers with little or no related work experience. For some entry-level jobs, employers may require a specified minimum amount of education and/or training.

FOOD STAMP RECIPIENT: See Public Assistance Recipient.

GENERAL HOME RELIEF: See Public Assistance Recipient.

HISPANIC/SPANISH ORIGIN: An ethnic classification for persons of Mexican, Puerto Rican, Cuban, or any other nationality which originated from and/or is based upon the Spanish/Portuguese cultures and languages, regardless of race.

JOURNEY LEVEL: A term used to describe a fully qualified worker in a trade.

METROPOLITAN STATISTICAL AREA (MSA) An integrated economic and social unit with a recognized population center which includes a city of specified population and the county in which it is located. Contiguous counties may be included when they meet the criteria of metropolitan character and integration with the central city.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT: Includes all full-time and part-time employees of all classes (including employees on paid vacation or paid sick leave) who work in or receive compensation from nonagricultural establishments for any part of the pay period including the 12th of the month. The employees involved in a labor-management dispute are excluded. This is a job count, and the data are available by industry.

OCCUPATION: The name or title of a job that identifies the various activities and functions of the worker.

OFFENDER: A person under local, state, or federal supervision resulting from criminal conviction by a court of law. Definitions of terms used in reference to offenders follow:

- ADULT: A person 18 years of age or older at the time of committing a crime.

- DISCHARGED: A person legally released from state or federal penal confinement and/or parole.

— FELON: A person convicted of a crime punishable with death or by imprisonment in a state prison.

— JUVENILE: A person under the age 18 at the time of committing a crime.

— PAROLEE: A person under supervision in the community after release from a local, state, or federal institution.

— PROBATION: A judicial requirement that a person fulfill certain conditions of behavior, in lieu of sentence to confinement, which may include a jail sentence.

OTHER (RACES): A racial category for persons not included in the following categories: the White; Black; American Indian, Eskimo, and Aleut; Asian and Pacific Islander; or Filipino categories.

OTHER (THAN HISPANIC) ORIGIN: An ethnic classification for persons with nationalities based on cultures and languages other than the Spanish/Portuguese, regardless of race.

POVERTY: This Bureau of the Census definition applies to all tables for which the 1980 Census is shown as the source.

— Families and unrelated individuals are classified as above or below the poverty level by comparing their total 1979 income to an income cutoff, or "poverty threshold." The income cutoffs vary by family size, number of children, and age of the family householder or unrelated individual. The poverty threshold for a family of four—two adults with two related children under 18—was $7,356 in the 1979 income year.

— Persons for whom poverty status was determined exclude inmates of institutions, members of the Armed Forces living in barracks, college students living in dormitories, and unrelated individuals under 15 years.

PUBLIC ASSISTANCE RECIPIENT: A member of a family which received cash welfare payments and/or nonmonetary benefit under federal, state, or local welfare programs. Definitions of terms used in reference to public assistance recipients follow.

— AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC): Public assistance to households with children and for children under foster care.

— FOOD STAMP RECIPIENT: A person receiving food stamp coupons that can be exchanged for groceries.

— GENERAL RELIEF: Public assistance to adults. Includes General Relief, Miscellaneous General Relief, Interim Assistance, and refugees who are time-ineligible to receive Refugee Cash Assistance.

— REFUGEE CASH ASSISTANCE: Public assistance to refugees who are eligible for payments during the first three years after entering the U.S.

— SUPPLEMENTAL SECURITY INCOME RECIPIENT: A disabled or retired person receiving supplemental security income payments from the federal government.

QUALIFIED APPLICANT: Meets the education, experience, and performance standards set by the employer.

SEASONAL ADJUSTMENT: Adjustment of time-series data to eliminate the effects of intra-year variations, such as school terms, holidays, and weather patterns.

SEASONAL FACTORS: Weather conditions, holidays, school schedules, etc., which cause fluctuations in business activity within individual and/or combinations of industries. These factors affect demand for employment.

SHORTAGE OF WORKERS: Too few applicants with the required experience and ability to fill openings in an occupation within a reasonable time.

STANDARD INDUSTRIAL CLASSIFICATION (SIC): The SIC Manual, developed by the U.S. Office of Management and Budget, defines industries according to the composition and structure of the entire economy. Each industry is assigned an SIC code. EDD data are organized using the 1972 Edition codes.

STATIC LABOR MARKET: Unchanging market conditions which result in development of few openings, coupled with a correspondingly low number of applicants.

SUPPLEMENTAL SOCIAL SECURITY RECIPIENT: See Public Assistance Recipient.

SUPPLY OF WORKERS: Number of workers seeking employment, usually in reference to a specific occupation.

SURPLUS OF WORKERS: More applicants ready and willing to work than there are job openings.

UNEMPLOYMENT: Comprises all civilians who did not work during the survey week, who made specific efforts to find a job within the past four weeks, and who were available for work (except for temporary illness) during the survey week. Also included as unemployed are those who did not work at all, but were available for work, and (a) were waiting to be recalled to a job from which they had been laid off for a specific time or (b) had a new job to go to within thirty days.

UNEMPLOYMENT RATE: The unemployment rate is derived by dividing the number of unemployed by the civilian labor force.

VETERAN: A person who has served but is not now serving in the armed forces of the United States.

VIETNAM-ERA VETERAN: A person who served between August 4, 1964 and May 8, 1975, but is not now serving in the armed forces of the United States.

VOCATIONAL EDUCATION: Training programs for specific occupations (e.g., welder, bookkeeper, etc.).

WAGES: Entry wages are the starting wages for persons who generally have less than one year of experience. Experienced wages represent the starting wages generally paid to persons with approximately one to three years of experience.

WHITE: A racial classification for persons having origins in any of the original people of Europe, North Africa, or the Middle East.

EDD Serving the People of California

State of California, Employment Development Department
Employment Data and Research
P.O. Box 942880, Sacramento, CA 94280-0001

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, $300

POSTAGE AND FEES PAID
EMPLOYMENT SECURITY MAIL
LAB 449

THIRD CLASS